19990116.qrp v01_n338.qrl.990116

Date: Sat, 16 Jan 1999 19:03:23 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1338

QRP-L Digest 1338

Topics covered in this issue include:

  1) [29863] Re: Toroid winding Tip?
     by "Graeme Zimmer" <gzimmer@vic.bigpond.net.au>
  2) [29864] Idaho WAS
     by wn6hyx@qsl.net ()
  3) [29865] RE: QRP-L Spirit
     by "Ed Tanton" <n4xy@mindspring.com>
  4) [29866] Heard CO3RP from Greenville, SC ...
     by ka4niv@mindspring.com
  5) [29867] Re: Toroid winding Tip?
     by "Radman" <radman@best.com>
  6) [29868] Re: What, Me Hurry?
     by K0RWC <rwc@frii.com>
  7) [29869] Re: Toroid winding Tip?
     by Ed Loranger <we6w@qsl.net>
  8) [29870] Re: What, Me Hurry?
     by crc <crc@io.com>
  9) [29871] LOG K0EVZ FOX
     by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 10) [29872] Re: sgc-2020 again ....
     by "Bob Kellogg" <ae4ic@nr.infi.net>
 11) [29873] 38-Special photos including inside
     by "Rob Dey" <rdey@myhost.com>
 12) [29874] Any 38S Cases Still Available??
     by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
 13) [29875] Re: What, Me Hurry?
     by mwattcpa@earthlink.net (Marty Watt)
 14) [29876] 73 Mag QRP Column?
     by PDouglas12@aol.com
 15) [29877] Re: What, Me Hurry?
     by N7YA@aol.com
 16) [29878] [RE]FOX Log K0EVZ
     by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 17) [29879] FS: KD1JV SA/SA, built by WJ2V
     by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
 18) [29880] Re: RFI from TCI wireless modem jacks
     by gsurrency@juno.com (Gary L Surrency)
 19) [29881] Re: Toroid winding Tip? (long)

by gsurrency@juno.com (Gary L Surrency)
20) [29882] Choke-type Baluns
by W6RCecilA <w6rca@ibm.net>
21) [29883] [RE]FOX Log K0EVZ
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
22) [29884] Advise on teaching
by "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
23) [29885] Re: What, Me Hurry?
by Jeff Johns <jeffj@scott.net>
24) [29886] Re: Satellite FD QRP QSOs?
by Jeff Johns <jeffj@scott.net>
25) [29887] Re: What, Me Hurry?
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
26) [29888] real hams
by N7YA@aol.com
27) [29889] Re: What, Me Hurry?
by N7YA@aol.com
28) [29890] Re: Toroid winding Tip? (long)
by we6w@juno.com (Ed Loranger)
29) [29891] Re: What, Me Hurry?
by Ron Stark <ku7y@dri.edu>
30) [29892] RE: NPRM Comments (Long)
by "Roger A. McCarty" <rmccarty@earthlink.net>
31) [29893] Sv: QRP Rig for new CW ops
by "Lars Harbo" <harbo@post3.tele.dk>
32) [29894] The Pixie-2
by "Lars Harbo" <harbo@post3.tele.dk>
33) [29895] Field Day Special Antenna from June 1984 QST
by "Ronald H. Evans" <rhevan1@ibm.net>
34) [29896] Re: What, Me Hurry?
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
35) [29897] Re: What, Me Hurry?
by Bruce Muscolino <w6toy@erols.com>
36) [29898] Soource for Morse Code Key Knobs ?
by KF4EIB@aol.com
37) [29899] Re: Balun or no Balun
by n3aaz-qrp@juno.com (John R Kirby)
38) [29900] Alinco DX77T F.S.
by K4NK@aol.com
39) [29901] pixie II
by "paul taylor" <ptay1@hotmail.com>
40) [29902] Re: 73 Mag QRP Column?
by PHILLIPS RICHARD <phillips@msoe.edu>
41) [29903] Line noise, winter wx & antenna tuner stuff, in reverse order
. . .
by nilsbull@juno.com (Nils R Young)
42) [29904] Re: Toroid winding Tip? (long)
by PHILLIPS RICHARD <phillips@msoe.edu>

43) [29905] Re: Balun or no Balun
    by PHILLIPS RICHARD <phillips@msoe.edu>
44) [29906] VIRUS ALERT!
    by Joseph Mikuckis <k3chp@erols.com>
45) [29907] Baluns Analyzed
    by Chuck Carpenter <w5usj@unicomp.net>
46) [29908] UT QSO ... skeds
    by utahfolk@konnections.com
47) [29909] Re: VIRUS ALERT!
    by Paul Erickson <paule@sfu.ca>
48) [29910] Re: VIRUS ALERT!
    by Frank.DH0JAE@t-online.de (Frank Schuster)
49) [29911] Re: Field Day Special Antenna from June 1984 QST
    by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
50) [29912] South Africa on 5 watts
    by n4so@juno.com (charles k brown)
51) [29913] Re: 73 Mag QRP Column?
    by "William Phinizy" <k6whp@gte.net>
52) [29914] CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
    by hamjoel@juno.com
53) [29915] No Snow in DM54 {Pinetop, AZ} for FYBO 1999
    by jaywa5whn@juno.com (Jay D Miller)
54) [29916] FOX: Team scores
    by Bruce Rattray <rattray@gpfn.sk.ca>
55) [29917] K2 SSB option?
    by Arjen Raateland <Arjen.Raateland@vyh.fi>
56) [29918] Re: VIRUS ALERT!
    by "John J. McDonough" <jjmcd@tm.net>
57) [29919] Elmer 2XX, Linux Info
    by n2jgu@juno.com (Gary M Diana)
58) [29920] This is what real hams do
    by "Charles R. Mabbott Sr." <crmabbott@mediaone.net>
59) [29921] MRF237 data?
    by gsurrency@juno.com (Gary L Surrency)
60) [29922] Re: Idaho WAS
    by "Mitch Dickson" <mitch@volstate.net>
61) [29923] Re: No Snow in DM54 {Pinetop, AZ} for FYBO 1999
    by Ron Stark <ku7y@dri.edu>
62) [29924] Re: Advise on teaching
    by "Mitch Dickson" <mitch@volstate.net>
63) [29925] Re: What, Me Hurry?
    by "Mitch Dickson" <mitch@volstate.net>
64) [29926] Re: 73 Mag QRP Column?
    by Ron Stark <ku7y@dri.edu>
65) [29927] Re: K2 SSB option?
    by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
66) [29928] Re: NPRM Comments (Long)
    by "Mitch Dickson" <mitch@volstate.net>

67) [29929] FYBO: Hey Joe! got gnow?
    by "Steve/n0tu" <n0tu@webaccess.net>
68) [29930] Re: NPRM Comments (Long)
    by Ron Stark <ku7y@dri.edu>
69) [29931] RE: Elmer 2XX, Linux Info
    by Rich Mulvey <mulveyr@iname.com>
70) [29932] Re: Elmer 2XX, Linux Info
    by James Parsons <k5rov@wcc.net>
71) [29933] reflector problem????????/
    by RangerSF5@aol.com
72) [29934] Re: VIRUS ALERT!
    by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
73) [29935] Re: Elmer 2XX, Linux Info
    by James Parsons <k5rov@wcc.net>
74) [29936] More on Baluns and ZPortable Feedlines
    by "James R. Duffey" <ji3m@maxwell.com>
75) [29937] Re: Soource for Morse Code Key Knobs ?
    by Niels Jensen Kristjansson <nkristja@cadvision.com>
76) [29938] AL7FS Beacon (temp.) 28.245
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
77) [29939] Re: VIRUS ALERT!
    by "Mitch Dickson" <mitch@volstate.net>
78) [29940] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
    by "Mitch Dickson" <mitch@volstate.net>
79) [29941] SPRAT
    by "Kenneth W. Evans" <w4du@bellsouth.net>
80) [29942] General
    by wn6hyx@qsl.net ()
81) [29943] Re: AL7FS Beacon (temp.) 28.245
    by "Greg Breeden" <al0a@hotmail.com>
82) [29944] QQ Missing In Action
    by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
83) [29945] Re: NPRM Comments (Long)
    by Dave Sjolin <sjolin@swbell.net>
84) [29946] AL7FS Beacon (temp.) 28.245 - 2000-2100Z Report
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
85) [29947] I past
    by Scott Howell <whowell@hq.nasa.gov>
86) [29948] Excuse blunder
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
87) [29949] Re: Elmer 2XX, Linux Info
    by "Vincent Ferme" <vferme@sprint.ca>
88) [29950] Test Please ignore
    by "Stephen Krosner" <skrosner@mindspring.com>
89) [29951] AL7FS Beacon (temp.) 28.245 - 2100-2200Z Repor
    by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
90) [29952] Second Call: 10Kohm 10-Turn Potentiometer Group Buy #2
    by "Jerry McCollom W0MC" <w0mc@hotmail.com>

 91) [29953] The Postmodernist ATU & the poems page &c
     by nilsbull@juno.com (Nils R Young)
 92) [29954] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
     by <hsilver@pyx.net>
 93) [29955] Buzzing noise about 7.039
     by "Bob Tellefsen" <n6wg@earthlink.net>
 94) [29956] Re: [More on Baluns and ZPortable Feedlines]
     by Roy Lincoln <wa4dou@usa.net>
 95) [29957] AL7FS Beacon (temp.) 28.245 - 2200-2300Z Report
     by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
 96) [29958] Re: Elmer 2XX, Linux Info
     by "Dan Hogan" <dhhogan@concentric.net>

Date: Sat, 16 Jan 1999 11:06:36 +1100
From: "Graeme Zimmer" <gzimmer@vic.bigpond.net.au>
To: <pierre@cmpe.ubc.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29863] Re: Toroid winding Tip?
Message-ID: <00e201be40e4$157bab20$ee12c018@c3.telstramm.net.au>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>> I've heard about stretching antenna wires before
>> constructing wire antennas. I was wondering if
>> anyone pre-stretched the wire used to wind their
>> toroids with?

>For the antennas, could the pre-stretching be done to minimize the
stretching
>the antenna will have under its own weigth (and the feedline) or for some
other
>reason?

Well, I figure the reason is two fold....

(1) Stretching the wire takes out any kinks amazingly efficiently....

(2) If you "work" copper it hardens, e.g. starting with soft copper
and stretching it, converts it into "hard drawn" copper.....

73's ....Zim VK3GJZ

Date: Fri, 15 Jan 1999 19:23:20 -0500
From: wn6hyx@qsl.net ()
To: qrp-l@Lehigh.EDU
Subject: [29864] Idaho WAS
Message-ID: <199901160023.TAA08294@ns1.qsl.net>

At 2357 on 16/01/99 had FB QSO with Bill W7AAZ ---WAS Novice is accomplished! Huge thanks to Don AI4CW - Bill W7AAZ - Niel WA7SSA and Ron KU7Y for all their help.

Best 72
Mary > wn6hyx
qrp-l #1779 qrp-c #51

Date: Fri, 15 Jan 1999 19:33:56 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <we6w@qsl.net>
Subject: [29865] RE: QRP-L Spirit
Message-ID: <000401be40e7$e6c5d360$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This conversation between Ed Loranger, WE6W and Conrad Weiss, NN6CW epitimizes the spirit of QRP/QRP-L in my book. They question, they try, they desire to improve on, just about everything they do. I would like to think we all-here on QRP-L-are equally interested in learning about and optimizing the units we buy or build; and improving the way we conduct ourselves in QSOs-and on the air, in general. This Spirit of QRP-L is truly a wonder to behold and participate in, daily. Thank you Ed, Conrad, et al!!!

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Ed Loranger
> Sent: Friday, January 15, 1999 6:57 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Toroid winding Tip?
>

>
> Radman wrote:
> >
> > Hi Ed et al,
> >
> > I'm not a toroid "expert," but I really doubt that
> > prestretching 26ga (?) magnet wire will influence the
> > drift performance of the toroid. There is no mechanical
> > stress on the wire.
>
> Howdy Conrad! Hee, hee. I'm still smiling on this one.
> No mechanical stress??? What do you call cranking on that
> toroid and winding it tight :)
>
> Hmmmm, I wonder if after stretching, maybe the wire will
> "Tighten" up on the core better :)
>
> So far I have received NO Responses that Stretching the
> wire ADVERSELY affects it.
>
> Except on person was worried about diameter changes etc.
> But I looked up the values with different wire diameters
> and this is WELL within any tuning range. Besides, I
> don't just count turns, I measure performance.
>
> I did the BOILED torid/winding thing when I posted my
> mini-series of articles on the OHR-100 drift problem.
> I didn't find any significant improvement with that. But
> I did learn that it IS OK and is not detremental. I
> will probably do it again just to improve the LAY
> of the turns.
>
>
> > That said, I always wind my toroids as
> > tightly as (humanly) possible to keep them neat and close
> > to the desired value. I have taken measurements of the
> > OHR-100A and OHR-400 toroids prior to installation, with
> > my Wavetek LCR meter. Identically-wound toroids will show
> > some minor differences in value (in the uH's) and that
> > will have to be "tuned out" along with component variance
> > between identical capacitors -- standard stuff, right?
> > :-)
> >
> > The case for LO or VFO drift in the OHR-100A, IHMO seems
> > to be linked to *movement" of toroid windings on L114. If
> > those windings are not doped or waxed, the rig can exhibit
> > drift and shift in tunable range. That particular toroid
> > tunes like a "hair trigger," and It's really important to

> > "nail the windings down" once the rig is aligned properly.
> > In addition, it's important to dope or wax all of the
> > other toroids and variable caps when the rig has been
> > fully aligned.
>
> Good preachin' there Radman! That's the truth.
>
> >
> > Both my OHR-100A and my OHR-400 are stable as rocks. I
> > can't explain why, other than I'm a fussy sort of builder.
> > I do a lot of component measurement *prior* to assembly...
> > always looking for something that's out of spec.
> >
> > I'm sure you'll do a great job, Ed. I would be interested
> > in other opinions on "wire stretching" :-)
>
> Thanks for the response.
> 72 Ed
>
> >
> > vry 72 - Conrad Weiss - NN6CW
> >
> > **********
>
> --
> -Ed AR QRP Millennium QSO's=124/2000
> 72, Ed WE6W, A-1 OP; http://www.qsl.net/we6w Santa Rosa, CA
> QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006
>

Date: Thu, 14 Jan 1999 22:48:30 -0500
From: ka4niv@mindspring.com
To: <qrp-l@Lehigh.EDU>
Subject: [29866] Heard CO3RP from Greenville, SC ...
Message-ID: <000201be40e7$ef3e1980$0cfc10d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang ...

While driving to work around 0745 Wednesday 1/13, heard Raphael, CO3RP on
40m cw in qso with a station in Indiana - 599 sig and great fist!

Copied 90% at 65 in bumper-to-bumper traffic. Gotta get brave enough to start sending while in motion!

72 all ...

Maurice KA4NIV
QRP-L# 1158
ARS# 179

OHR-100 into WB4BUM "Big Stick"

Date: Fri, 15 Jan 1999 17:03:51 -0800
From: "Radman" <radman@best.com>
To: "Ed Loranger" <we6w@qsl.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <we6w@juno.com>
Subject: [29867] Re: Toroid winding Tip?
Message-ID: <199901160059.QAA17812@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed responds:

Howdy Conrad! Hee, hee. I'm still smiling on this one. No mechanical stress??? What do you call cranking on that toroid and winding it tight :) Hmmmm, I wonder if after stretching, maybe the wire will "Tighten" up on the core better :)

Conrad admits: OK, mea culpa ;) I concede that I've always hand-wound toroids as tightly as possible to (as you say) improve the LAY of the turns. I've presumed that this makes for a "better" choke, but I've never been able to substantiate it. If you take this argument to the extreme, you could drop a wire gauge or even two (increase # of turns) and literally have NO air between the mag wire and the cross-section of the toroid itself -- skin-tight turns of wire. But, would this make for a better choke (?) I dunno :-)

So, what's your theory, Ed? Do you think the *value* of the choke (or transformer) is changing and this change is causing freq "drift?" Interesting stuff, eh? ..... :-)

:-)

Man, I just hope I don't have to rewind L114 ;) Now,
that's a bear !

Talk with you soon,

vry 72 - Conrad - NN6CW

Date: Fri, 15 Jan 1999 18:03:02 -0700
From: K0RWC <rwc@frii.com>
To: jskalski@buffnet.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29868] Re: What, Me Hurry?
Message-ID: <3.0.5.32.19990115180302.00806dc0@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jim, et.al.

At 04:45 PM 1/15/99 -0500, you wrote:
...
>You will learn more by trying and failing then you ever will preparing for
>any exam. Likewise you will learn more if your projects and gadgets don't
>work the first time. If they never work...now *that* can make you humble.
>

Amen! My OHR-100A stopped working shortly after completion. Studying the
schematic, reading about how the circuits worked so I could trouble shoot
it...etc., was a big help with the Advanced & Extra exams.

I know humble too, details left to the imagination. ;-)

72/3 K0RWC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Sat, 16 Jan 1999 01:43:58 +0000
From: Ed Loranger <we6w@qsl.net>
To: Radman <radman@best.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, we6w@juno.com
Subject: [29869] Re: Toroid winding Tip?
Message-ID: <369FEEDE.46A8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Radman wrote:
<quote snip for brevity>

> So, what's your theory, Ed? Do you think the *value* of
> the choke (or transformer) is changing and this change is
> causing freq "drift?" Interesting stuff, eh? ..... :-)
> :-)

Great discussion! What I know: The interwinding capacitance
is the primary change when sliding wires over the core. This
affects the inductance by cancellation due to capacitance
effect. (I.E. phasing of stored fields later returned to the
circuit.)

The positive temperature coefficient of these toroids is HUGE!
They use magnetic cores in some soldering iron tips. Now there's
a tidbit ol' Ed had hidden in the dusty archives of his brain :)
Sweep, sweep, cough!

They heat the magnet up until it loses magnetization and the relay
opens until the soldering iron cools enuf for the magnet to pull
the relay again. You hear a little clicking from the iron as it
cycles to stabalize the temperature.

Well, depending on how many turns are on the core, the predominant
change in frequency is the number of turns and the core material. A
small adjustment is possible by sliding turns around but the biggest
change in inductance is core related. As the core temperature changes,
the inductance changes and it is much more than the amount possible
using the stray winding capacitance.

Background: 2 years tuning balun core transformes on a -45 db return
loss bridge used in the HP8505 network analyzer. Also line tech on
the RF reference load in the HP8510A/B/C S-parameter test set tuning
the ferrite bead on the transmission line.   These are mini-coax
wound on toroid choke baluns. Guess who has proto 1 in his junk
box :)

I was THE tech on a special project up to 40 GHZ where HEAT SHRINK
tubing over the .141 semi-rigid coax was the solution to stabalizing

phase match over temperature between the coaxial lines.

<Big Grin>, imagine telling your buddy you were putting heat shrink
over your .141 semi-rigid coax -- He'd call the wagon for you!

But it works at 40 GHz I'll tell you. Anyway, that last was a FYI
I've always wanted to share....

>
> Man, I just hope I don't have to rewind L114 ;) Now,
> that's a bear !

I don't think so :)   Kind of like wondering if the car will run
on 87 or 89 octane gasoline.

Well, am heading to we6w@juno.com for the weekend so time
to close it down for the night.

Maybe even continue this discussion off line if others are
getting bored.

Hopefully that kit I'm building for a friend will arrive tonight and
I might QNI wsn-40 in the morning with it.

Hmm, I wonder if peanut butter will make for slicker tuning?

(That ought'a bust his gut!)

Imagine someone building a rig for you and asks if car wax
is a good substitued for clear parrafain for core setting!

Hoo-boy!

>
> Talk with you soon,
>
> vry 72 - Conrad - NN6CW

Hope we can chat eyeball at a norcal mtg sometime Conrad.
G'nite CW
-Ed
--
-Ed AR QRP Millennium QSO's=124/2000
72, Ed WE6W, A-1 OP; http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Fri, 15 Jan 1999 21:20:17 -0600
From: crc <crc@io.com>
To: QRPL <QRP-L@Lehigh.EDU>
Subject: [29870] Re: What, Me Hurry?
Message-ID: <36A00571.1490E941@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If we loose or loosen the cw requirements, I for one will be saddened, having just gotten my extra after 30 + years as a ham but I will welcome any and all new hams to our ranks. Then I will try to convince them cw is where the real hams hang out.
Charlie WA5KRF Austin, Texas

Date: Fri, 15 Jan 1999 22:36:24 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D. (Doc) Lindsey" <70511.3041@compuserve.com>
Subject: [29871] LOG K0EVZ FOX
Message-ID: <199901152239_MC2-66C9-EE3F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

At *long* last here is the FOX log for this past Tuesday evening, 1/12/99 (1/13/99 UTC). Sorry it has taken longer than expected, but there have been health complications.

QSO	TIME	CALL	RST	STATE	NAME	#/PWR
01	0203	VE7CQK	559	BC	Paul	20
02	0204	K5ON	569	NM	Gary	770
03	0205	K5OI	559	NM	Tim	73
04	0206	WE6W	559	CA	Ed	

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      1068
05        0207           KU7Y          599           NV             Ron
           17
================================================
06        0208           N1FN          569           CO     Marshal
    153
07        0209           K1MG          559           CA             Mike
        614
08        0210             KI0II           569           CO             Ron
           928
09        0211          N5TW          549           TX             Tom
     1473
10        0212          NQ7X           579           AZ            Floyd
         343
================================================
11       0214         VE3JC            589           ON           John
       744
12       0215          WS8D            569           MI             Mike
        1188
13       0216           AF5Z             559           TX               Bob
           974
14       0217    WD8KQY           559           OH           Gary
     446
15       0219          N0EA            589           MO        Wayne
     1058
================================================
16       0220        AA5TX              569           TX            Larry
          1245
17       0221          K8CV            589            MI             Walt
             935
18       0221       N4ROA            559           VA             Dan
         970
19       0222       W4VCT            559           KY           Pete
       1721
20       0224       AE4CW            559           AL             Don
       1670
================================================
21       0226        W8SFF            559           MI          Steve
        1288
22       0227          W5TB            569           TX             Doc
          ____  <=
23       0229          W5SB            559           TX              Bill
           1279
24       0230     VE6EWM           329           AB          Earl
       1076
25       0233        N8VAR            579          OH          Ron
         263
================================================
```

```
26       0235        N5JKY              549           OK         Mike
          300
27       0237          N1TP              339           FL          Tom
         1317
28       0239        AB8DF               569           MI            Ed
           1444
29       0240          AC5II               569          OK           Don
             264
30       0243         K5UX               559           OK          Glen
              21
=================================================
31       0247         N5LU               569           OK           Bill
               5W
32       0248       W0CH                 579          MO        Dave
         618
33       0249      KC1FB                 559           CT           Jim
              29
34       0250      K2VCO                 579           CA           Vic
             725
35       0252      VE3SP                 559          ON          Ron
           464
=================================================
36       0253      AB5UA                 589           OK           Clif
               478
37       0255      VE2KN                 559           __           Tim
              103 <=
38       0256        KS4L                  549          AL       Randy
             468
39       0258     N1ODL                449          NH          Aron
         1326
40       0300      N3YSI                 549           PA          Paul
                3W
=================================================
41       0302     KI7MN                 569           AZ           Bob
              271
42       0303     W6SIY                 559           CA         Keith
             675
43       0305    KG2LO                559          NJ    Roland
       1445
44       0306       AE2T                559           NY             Al
               1664
45       0309   AB5WX                559           TX        Dave
         1718
=================================================
46      0309   K7MPH                449           OR        Mark
            2W
47      0312    KK5LD                569           TX          Dan
              5W
```

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48      0314   W9UQB                559           AZ        Mike
          413
49      0315      K1QM                449           MA        Joel
             337
50      0315    W2SCF                559           NJ        Dick
         1613
=================================================
51      0317     K5ZTY                589           TX         Bill
              473
52      0319      K5LN                 549           TX         Bill
             1794
53      0322      AK7Y                 549           AZ        Greg
            1693
54      0325      AK1P                 339           CA        Paul
             284
=================================================
55      0327   N3KFL                  559           PA            Al
                36
56      0330   AB7MY                  559           AZ        Gary
              571
57      0331 WA6GER              599           CA         Jim
            5W
58      0336     K1CL                 559           MA    Chuck
            217
59      0337   N2ZHY                559           NJ      David
              2W
=================================================
60      0339     N2TO                 339           NY      Kevin
             323
61      0344     N4UY                 229           UT        Jack
              821
62      0347     N6VZ                 569           CA       Gary
              919
63      0353  K2REB                  559           NY       Dick
            1811
64      0355     K2EL                 339           NY     Elmar
              5W
```

So there is the log. Please look it over and let me know of typos or other corrections which should be made. In two cases I have made it easy <G> by putting an arrow in the right margin. BTW, sorry that the columns are not straight. They look OK on-screen. Nute.

Please note *all* needed corrections and let me know ASAP. Would like to send a fully updated log to Paul Valko ASAP, but no later than next Tuesday evening.

Again, thanks to all who participated. Sorry if I should have bagged you

and
simply couldn't get it done. Did my best to log everyone. BTW, I spent at least 30 minutes calling CQ FOX. Conditions were rough at times. Thanks one and all for being such an excellent group of hunters. Made being Da FOX a
great pleasure for me :-).

Finally, several have asked about the arm injury. Needs "minor surgery" so I
am headed to Mayo Clinic for it. Recovery should take no more than 6-8 weeks,
I'm told. The good news is that because of keyers, I will probably be able to
operate to some extent. Watch out, FOXes :-). Thanks everyone for your expressed concern.

72/73,
--Doc Lindsey/K0EVZ
  DSBF
  P.O. Box 7187
  Bismarck, ND 58507
  E-Mail 70511.3041@compuserve.com

Date: Fri, 15 Jan 1999 22:31:23 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <waltk8cv@surfree.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29872] Re: sgc-2020 again .....
Message-ID: <199901160412.XAA20876@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Walt,

Glad to hear that. Perhaps the key click problem is adjustable. It was rather prominent on the one I heard, and could have contributed to my impression of chirp.

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

> I worked one and If he hadn't told me it was an SGC-2020 I would have
> never known. Sounded just fine on my end, just like a brand new Omni6 +
> for all I could tell. He sure seemed to like it.
>
> Walt k8cv

Date: Fri, 15 Jan 1999 23:16:31 -0500
From: "Rob Dey" <rdey@myhost.com>
To: <qrp-l@Lehigh.EDU>
Subject: [29873] 38-Special photos including inside
Message-ID: <199901160416.XAA13593@mail.myhost.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone,

Thanks so much for all the kind words about my latest project, the
38-Special.
I hope to work you all soon.

You can check out the pictures of my new 38-Special, including the inside,
by going
to the address below. I just started to make the page though, so only the
38-Special stuff is in effect, and will be added to in the future.

http://www.myhost.com/rdey/robsqrp.htm

72/73,

Rob L. Dey, KA2BEO
Rob's Ham Shack
http://www.myhost.com/rdey
Point Pleasant, NJ, USA
Member: ARRL, 10-X #65539, NorCal #2249, QRP-L #1807, NJ-QRP #176, JSARS,
AWA

Date: Fri, 15 Jan 1999 23:35:38 -0800
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [29874] Any 38S Cases Still Available??

Message-ID: <003b01be4122$d4fd0dc0$3c844e0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just managed to get a 38S that someone had hanging around and was wondering
if the custom cases that I heard about were still available.

Thanks
Gary
W2UX
Lexington, SC

Date: Sat, 16 Jan 1999 04:38:03 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29875] Re: What, Me Hurry?
Message-ID: <36a216ab.81610316@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Fri, 15 Jan 1999 21:20:17 -0600, crc <crc@io.com> wrote:

>If we loose or loosen the cw requirements, I for one will be saddened, =
having
>just gotten my extra after 30 + years as a ham but I will welcome any =
and all
>new hams to our ranks. Then I will try to convince them cw is where the =
real
>hams hang out.

I have to disagree. Not the real hams. *Part* of the real hams. Real =
hams
operate VHF/UHF satellite or packet or SSTV or RTTY or (gasp) SSB as well=
 as
CW.

We desperately need to "sell" cw not as broccoli to be endured, but a
beautiful, fun thing like sailing or ballooning to be enjoyed and =
savored.

All this "real ham" talk drives me nuts. Why are we involved in CW? I =
have
yet to meet an active CW operator who is there because they had to pass =
the
exam. Nope, we're here because we appreciate the beauty and fun of CW.

=46un. Focus on fun, folks. Otherwise the battle to save CW is lost,
regardless of our gasps while drowning to continue testing. FUN. FUN. =
=46UN.
--
72 es 73 de Marty, KM7W
_____=
_____
Memphis, Tennessee   =
http://home.earthlink.net/~mwattcpa
 VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Date: Sat, 16 Jan 1999 00:01:36 EST
From: PDouglas12@aol.com
To: QRP-L@lehigh.edu
Subject: [29876] 73 Mag QRP Column?
Message-ID: <d874dc3a.36a01d30@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Was I not paying attention? What's going on with 73 Mag? This month's
anorexic edition has a QRP column listed in the table of contents, but that
appears to be a cynical mistake. On the listed page, there is a digital
column, not our beloved QRP stuff. Mike Bryce, did you mention (or was that
just a late night nightmare?) that you were going CL in 73? Are they nuts?

Here we are, a genuinely warm fuzzy growing fraternity of QRPers, with all
this great stuff happening--Elmer, K2, 2N2/40, OHR 500, and the established
companies like Wilderness, S&S, Emtech chugging along, and the huge growth in
clubs and growing significant presence in the big ham gatherings, and now
along comes 73 which cuts QRP out (?)   What are they thinking? Dammit, we
are a seedling growth area, and isn't that what the incredible shrinking 73
Mag needs--growth?

Not having a monthly QRP column in any of the major general ham mags is bad for us. We really don't want to have our QRP literature confined to our quarterly journals, however excellent they are, lest we lose our exposure to the ham fraternity at large, and thus stunt our growth. Publish or perish is real in this context, in my opinion.

Now, we all know that the editorial content of 73 has gone into the deep water beyond the reef, and I for one am unwilling to maintain my subscription just to give ol' Wayne Greene a personal, multipage soapbox. If QRP has left his rag, I'm outta' there. He'll not see another nickel from WJ2V. From the looks of things, frankly, I suspect the magazine is terminal, and is too moribund to care about my departure.

Enough grit! I am operating my 2N2/40 by K8IQY many nights, and am racking up QSOs. It just amazes me that you can build a fine QRP rig with just 2N2222s, and some solder, and some superglue. (OK, and some coils and caps, of course.) I just don't know whether I should start scaling the tuned circuits of Jim Kortge's great design to start building a 2N2/30 or keep the bench clear for the K2 coming soon. Stay tuned, Doug and Paul are about to turn the big guns around to their next target and get the 2N2/40 design into the hands of the Zombies.

It is a good time to be a QRPer, isn't it? 73 sure seems to be bucking the trend, doesn't it? Are you guys enjoying Chucks parallel courses in Oscillators and Spice. I am . Make sure to tell him you are still following along, so he doesn't feel like he is talking into a dead band!

OK, well, the 73 situation has been bothering me, and who else am I going to discuss this with?

72,

Preston WJ2V

PS Oh, and if I am wrong about the demise of the QRP column and it is just on hiatus, then please accept my Emily Litella: "Never mind."

Date: Sat, 16 Jan 1999 00:03:23 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [29877] Re: What, Me Hurry?
Message-ID: <4ce49f87.36a01d9b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/15/99 8:40:37 PM Pacific Standard Time,
mwattcpa@earthlink.net writes:

<< We desperately need to "sell" cw not as broccoli to be endured, but a
 beautiful, fun thing like sailing or ballooning to be enjoyed and savored.
 All this "real ham" talk drives me nuts.   >>

hey wait...i love broccoli. i guess that explains why i only operate cw, lol.

73....Adam, N7YA
"real" broccoli-loving ham

Date: Sat, 16 Jan 1999 00:08:23 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [29878] [RE]FOX Log K0EVZ
Message-ID: <199901160011_MC2-66DC-1CA9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Just down-loaded the copy of my LOG which I typed early this morning in
Windows (sic). Even grohhy, I see it looks far worse than I thought.
Bad enough in Windows itself. But my copy is almost unreadable. So tell
ya what, I will re-format it.

So don't lose hope. Watch for a better copy. Hopefully.

72/73,
--Doc Lindsey/K0EVZ
  DSBF
  P.O. Box 7187
  Bismarck, ND 58507
  E-Mail 70511.3041@compuserve.com

Date: Sat, 16 Jan 1999 00:38:24 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

To: qrp-l <qrp-l@lehigh.edu>
Subject: [29879] FS: KD1JV SA/SA, built by WJ2V
Message-ID: <Pine.LNX.3.95.990116003725.30938C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My station's in pieces. In excellent shape, no prospect of using it for
some time, and my dad has my o'scope, so...

$130, has built-in power supply and all docs.

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu http://w3eax.umd.edu/~ham

Date: Fri, 15 Jan 1999 21:44:20 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: ataylor@heracles.llnl.gov
Cc: qrp-l@Lehigh.EDU
Subject: [29880] Re: RFI from TCI wireless modem jacks
Message-ID: <19990115.223929.-4149269.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have but one question.............

How did these things get FCC certification to be manufactured and
installed in the first place?

Kinda makes you wonder........ But thanks for the heads up on it, Allan.

Does anyone else have a constant carrier on 14.058 MHz? It's always there
at my QTH.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Date: Fri, 15 Jan 1999 22:39:28 -0700
From: gsurrency@juno.com (Gary L Surrency)

To: we6w@qsl.net
Cc: qrp-l@Lehigh.EDU
Subject: [29881] Re: Toroid winding Tip? (long)
Message-ID: <19990115.223929.-4149269.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, I have to say something about this topic:

It's not a good idea to stretch copper wire before winding your toroids. Copper, like many metals, will "work harden" when subjected to stress such as flexing or stretching. That is why you can flex many metals and wire until they snap.

Try running a piece of copper wire across your fingertips a few times, while forcing it to bend at an angle. Athough this procedure will help to straighten and remove kinks from the wire, each time you do it the wire will become stiffer, and smaller in diameter. A small amount of straightening this way is probably not too harmful, but if you keep at it, you will notice the wire becomes harder to work with (pun intended). It also will tend to be more difficult to wind tightly about the toroid core, particularly small cores.

Application of heat will reduce or eliminate this hardening effect, but I don't have the data as to what temperature must be achieved to soften the wire back to an annealed condition. I have noticed that boiling or even application of a hot air hair dryer helps to reduce the stress induced from winding and / or handling. If you use a match or butane lighter to help remove the enamel for soldering, you have no doubt noticed how much softer the section of wire that was heated is. It gets much softer than the original enameled wire from the spool.

These effects are widely known and taught in welding school, and metallurgy classes. Large steel objects have to be preheated before welding, or stress-relieved after the weld is complete for the weld to achieve acceptable strength in some cases. Copper, aluminum, and most other metals all exhibit an increase in hardness when subjected to stress from welding (and subsequent cooling) or from bending. As the weld cools, extreme stress is induced in thick material. This is why very large structures such as bridge girders and beams are often still riveted together instead of welded, as the welding process would significantly weaken the metal and cause additional distortions and problems as oppposed to riveting.

Work hardening alloys are useful for metal used on bulldozer cleats, tracks, and rollers, or where soil erosion of earth moving equipment is a

problem. Molybdenum and nickel are two alloys that are useful for these applications. Copper is not commonly used in iron or steel alloys because of cost and it also does not mix well when molten with the iron, and it interferes with the welding process too much, and adds little to the finished weld properties. Copper *is* sometimes used to coat welding rods used for gas welding, to reduce oxidation of the rods before use, But the coating is thin, and it basically vaporizes (or forms oxides) when the welding is begun.

Work hardening is also the reason railroad tracks (and RR car wheels) get so hard, and why a copper penny placed on the tracks gets harder, as well as thinner. ;-) Have you ever placed a penny in one of those coin operated press machines that squeeze a penny into a unique keep sake?

In summary, I recommend handling and bending the wire as little as possible, to allow easy winding and reduced stress and springiness of the finished coil.

Yes, I used to weld a lot in a previous life. ;-) Compared to soldering, welding is *much* more difficult. Respect those people who weld your bridges, autos, and buildings. It is a very worthy and amazing process.

Sorry for the long post, but I felt it was necessary to present some examples to illustrate the concepts.

72, and happy winding from the Copper State - Arizona !!

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 15 Jan 1999 22:41:29 -0700
From: W6RCecilA <w6rca@ibm.net>
To: qrp-l@Lehigh.edu
Subject: [29882] Choke-type Baluns
Message-ID: <36A02689.5312@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Allow me to put in my two cents about baluns. I'm
partial to the W2DU balun/choke. This is the type

"balun" that uses ferrite cores slipped over the
coax. According to Amidon, eight of the FB-77-5621
cores slipped over RG-58 will result in approximately
2K ohms of choking impedance. Given the common 10/1
ratio used, this should choke any impedance up to
about 200 ohms. (If the impedance to be choked is
1000 ohms, five times as many cores would be required).

Something that may not be obvious to all hams is
that this type of choke works in unbalanced to
unbalanced applications as well as it works in
unbalanced to balanced applications. In other
words, this type of "balun" chokes RF on the outside
braid no matter what the antenna system configuration.

It works in the middle of a transmission line or at
the tuner as well as it works at the antenna. This
is the type choke to install at the coax/twinlead
junction on a G5RV.
--
73, Cecil, W6RCA http://people.delphi.com/CecilMoore

Date: Sat, 16 Jan 1999 00:53:24 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [29883] [RE]FOX Log K0EVZ
Message-ID: <199901160057_MC2-66CA-FBC4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Finally managed to focus long enough to try to fix
the log :-). Wow. Hope it is better now.

QSO	TIME	CALL	RST	STATE	NAME	#/PWR
01	0203	VE7CQK	559	BC	Paul	20
02	0204	K5ON	569	NM	Gary	770
03	0205	K5OI	559	NM	Tim	73
04	0206	WE6W	559	CA	Ed	1068
05	0207	KU7Y	599	NV	Ron	17

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================================================
06   0208     N1FN    569    CO  Marshall   153
07   0209     K1MG    559    CA      Mike   614
08   0210    KI0II    569    CO        on   928 --
09   0211     N5TW    549    TX       Tom  1473
10   0212     NQ7X    579    AZ     Floyd   343
================================================
11   0214    VE3JC    589    ON      John   744
12   0215     WS8D    569    MI      Mike  1188
13   0216     AF5Z    559    TX       Bob   974
14   0217   WD8KQY    559    OH      Gary   446
15   0219     N0EA    589    MO     Wayne  1058
================================================
16   0220    AA5TX    569    TX     Larry  1245
17   0221     K8CV    589    MI      Walt   935
18   0221    N4ROA    559    VA       Dan   970
19   0222    W4VCT    559    KY      Pete  1721
20   0224    AE4CW    559    AL       Don  1670
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21   0226    W8SFF    559    MI     Steve  1288
22   0227     W5TB    569    TX       Doc  ____  <=
23   0229     W5SB    559    TX      Bill  1279
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29   0240    AC5II    569    OK       Don   264
30   0243     K5UX    559    OK      Glen    21
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31   0247     N5LU    569    OK      Bill    5W
32   0248     W0CH    579    MO      Dave   618
33   0249    KC1FB    559    CT       Jim    29
34   0250    K2VCO    579    CA       Vic   725
35   0252    VE3SP    559    ON       Ron   464
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36   0253    AB5UA    589    OK      Clif   478
37   0255    VE2KN    559    __       Tim   103 <=
38   0256     KS4L    549    AL     Randy   468
39   0258    N1ODL    449    NH      Aron  1326
40   0300    N3YSI    549    PA      Paul    3W
================================================
41   0302    KI7MN    569    AZ       Bob   271
42   0303    W6SIY    559    CA     Keith   675
43   0305    KG2LO    559    NJ    Roland  1445
44   0306     AE2T    559    NY        Al  1664
45   0309    AB5WX    559    TX      Dave  1718
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```
================================================
46   0309    K7MPH    449    OR      Mark    2W
47   0312    KK5LD    569    TX       Dan    5W
48   0314    W9UQB    559    AZ      Mike   413
49   0315     K1QM    449    MA      Joel   337
50   0315    W2SCF    559    NJ      Dick  1613
================================================
51   0317    K5ZTY    589    TX      Bill   473
52   0319     K5LN    549    TX      Bill  1794
53   0322     AK7Y    549    AZ      Greg  1693
54   0325     AK1P    339    CA      Paul   284
55   0327    N3KFL    559    PA        Al    36
================================================
56   0330    AB7MY    559    AZ      Gary   571
57   0331   WA6GER    599    CA       Jim    5W
58   0336     K1CL    559    MA     Chuck   217
59   0337    N2ZHY    559    NJ     David    2W
60   0339     N2TO    339    NY     Kevin   323
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61   0344     N4UY    229    UT      Jack   821
62   0347     N6VZ    569    CA      Gary   919
63   0353    K2REB    559    NY      Dick  1811
64   0355     K2EL    339    NY     Elmar    5W
```

So there is the log. Please look it over and let me know of typos or other corrections which should be made. In two cases I have made it easy <G> by putting an arrow in the right margin.

Please note *all* needed corrections and let me know ASAP. Would like to send a fully updated log to Paul Valko ASAP, but no later than next Tuesday evening.

Again, thanks to all who participated. Sorry if I should have bagged you and simply couldn't get it done. Did my best to log everyone. BTW, I spent at least 30 minutes calling CQ FOX. Conditions were rough at times.

Thanks one and all for being such an excellent group of hunters. Made being Da FOX a great pleasure for me :-).

72/73,

--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Fri, 15 Jan 1999 21:53:40 -0800
From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29884] Advise on teaching
Message-ID: <002201be4115$c9032de0$4434d4cc@bgeipel.pom.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I just got my Extra and now upgrade fever has hit the
NTS net that I frequent. I have volunteered to help
a blind ham with studying for his Advanced. After
agreeing to do this, I realized that I have no idea how
to teach to a blind person.

Does anyone have any hints or suggestions?

Thanks in advanced

Barry L. Geipel - AD6HR|| Lacking a muse, my mauser
bgeipel@primenet.com || must be my thunderbolt.
NRA HMGS ARRL ||
----
         http://www.primenet.com/~bgeipel

Date: Sat, 16 Jan 1999 00:34:10 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29885] Re: What, Me Hurry?
Message-ID: <199901160634.AAA18950x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Fri, 15 Jan 1999 16:10:30 -0500, "Edward A Kwik jr" <eakwikjr@hti.com> wrote:

> It happens if you let it. I learned more practical stuff about working
> satellites from a Tech on this list today than I did studying for my
> Extra.

Hey give me some credit <grin>. I'm a Tech+ <bigger grin>. I love satellites
and will gladly share any and all knowledge I have concerning them, just as
99% of those on the list have shared their knowledge with me about HF qrp
and CW!

73 Jeff W4JEF

    =-=-=-=-=-=-=-=-= Jeff Johns W4JEF - AMSAT# 32615 -=-=-=-=-=-=-=-=
    |jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
    | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
    |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
    =-

Date: Sat, 16 Jan 1999 00:34:13 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29886] Re: Satellite FD QRP QSOs?
Message-ID: <199901160634.AAA18957x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Fri, 15 Jan 1999 14:57:54 -0500, Zack Lau <zlau@arrl.org> wrote:

> Any success stories?--Zack W1VT

Yup! Whatcha want to know? I worked AO-27 and Mir and got my club a few
extra points.

73 Jeff W4JEF

    =-=-=-=-=-=-=-=-= Jeff Johns W4JEF - AMSAT# 32615 -=-=-=-=-=-=-=-=

jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, AO-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA
*=-=-=-

who also happens to be an amateur ASTRONOMER as well. Who needs Hubble?
Just send up your own sky gazer "satellite." Now that would be fun!

```
==========================================================================
      KC5TJA/6     |                  -| TEAM DOLPHIN |-
        DM13       |                  Samuel A. Falvo II
    QRP-L #1447    |       http://www.dolphin.openprojects.net:9673/
   Oceanside, CA   |.....................................................
```

Date: Sat, 16 Jan 1999 01:39:43 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [29888] real hams
Message-ID: <d92e6e9f.36a0342f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

<< << We desperately need to "sell" cw not as broccoli to be endured, but a
  beautiful, fun thing like sailing or ballooning to be enjoyed and savored.
  All this "real ham" talk drives me nuts.   >>

 hey wait...i love broccoli. i guess that explains why i only operate cw,
lol.

73....Adam, N7YA
"real" broccoli-loving ham

Date: Sat, 16 Jan 1999 01:47:00 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [29889] Re: What, Me Hurry?
Message-ID: <88c08d0c.36a035e4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/15/99 10:43:30 PM Pacific Standard Time, N7YA writes:

<< << hey wait...i love broccoli. i guess that explains why i only operate cw, lol.
   >>
 oops...sorry, posted this twice. it came back saying 'undeliverable', but it looks like it made it anyway.
   all this for a stupid little smart aleck comment i was trying to make!! thats what i get for trying to move into the comedian vocation.
  >>
ok, and to top it all off...i just sent the above to myself first....aaaaargh! im going to bed.

73...Adam, N7YA

Date: Sat, 16 Jan 1999 01:50:09 EST
From: we6w@juno.com (Ed Loranger)
To: gsurrency@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [29890] Re: Toroid winding Tip? (long)
Message-ID: <19990115.224549.7847.1.we6w@juno.com>

Pretty good information Gary. Thanks for the insight.
I'm still curiouse as to any balun perfomrance issues
with pre-stretched wire and have decided this is a
future project.

I have surveyed some of the professional products than
have toroids wound commercially and have found they are
very tight. In fact, so tight one wonders if the stretching
of the wire actually is an application issue. That is, it
is wound at a tension that is related to the wire material.

I look forward to experimenting with this in the future. Until
then, any stretching of wire will be "As the core turns" :)
are applied.

dittybop 'til you drop.
-Ed
72, Ed WE6W QRP-Z#106 -L#1068, AR Millennium QSO's=124/2000
http://www.qsl.net/we6w Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 00:18:44 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Marty Watt <mwattcpa@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29891] Re: What, Me Hurry?
Message-ID: <Pine.SOL.3.96.990116001451.16146B-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Jan 1999, Marty Watt wrote:

> Why are we involved in CW? I have
> yet to meet an active CW operator who is there because they had to pass the
> exam.

You have now!

If I had not HAD to learn and continue getting better and better
with CW, I'd never have learned to like it!

> Nope, we're here because we appreciate the beauty and fun of CW.
>

I see it as fun but also as an art form. Like playing music. But
like playing music, it took lots of time!

However, I don't hold anything aginst people who come into the
hobby through what ever gate is open at the time. It's what
they do after they are here that I tend to judge them by!

cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 16 Jan 1999 00:51:19 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [29892] RE: NPRM Comments (Long)
Message-ID: <000101be412d$62bdeb20$a405b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

So as not to clog up the reflector with this thread, I will make this my one and only on the subject.

I would caution those that have the belief the interests of the large commercial manufacturers are not in the best interest of Amateur Radio, perhaps even contrary to the purposes of Amateur Radio as suggested by a prior post. Holding a business malevolently liable for wanting to make profit is a bit, well, irrational. Believe it or not, the Amateur Radio manufacturers are our allies! How many political liasons in congress do we have? As long as we can keep these businesses profitable in their sales of equipment to Amateur Radio operators, we will have their support in issues that threaten the sales of their product. Seems to me we need to keep them happy.

As hard as it may be to accept the facts, this is a numbers motivated game. Altruistic concepts unfortunately bear no weight when it comes to the final decision as to what group gets what band of frequencies. It is all dependant upon how many dollars are circulated on the proposed use of those frequencies. Therein lies reasoning for my support of the new licensing structure.

I am a STAUNCH supporter of CW and I personally operate CW roughly 95% of the time I am on the air. I am a conservative that supports the concept one must earn and work towards the benefits a person can reap from a higher class of license. If I thought my considerations of these fundamental concepts would ensure the survival of Amateur Radio, I would make this the hill I would die on. However, it will not, because more important than what *I* want, is what Amateur Radio needs to ensure its survival for the decades to come. And that my friends is numbers and purchasing dollars, pure and simple.

My suggestion to the FCC and the ARRL, accepting the fact that inducting new operators with less demanding standards than previously required, would also *probably* infer a lesser operational standard amongst these operators, is that we simultaneously improve our self-policing and enforcement standards. One without the other will indeed likely create pandamonium on the bands.

A cycnical mind might conclude that is exactly what they want, for then they could warrant stripping us of our sacred frequencies. I don't think so. If the Government wants our frequencies they surely do not need a complex

conspiratorial scheme to take them. They will simply take them. Unless of course the manufacturers are there to help protect our interests. Hmmm.

Comparing Amateur Radio to the NRA, do you think the members of the NRA are taking shots (no pun intended) at say, Smith and Wesson? Probably not. Why do we? And why do we think it bad for a manufacturer to make a profit? It is profit dollars that keeps us all employed in one form or another.

Lastly, I guess I am a bit too conservative to accept the elimination of "Class" as discussed in a prior thread. It is the distinction between classes that helps keep us motivated to improve. Our society seems hell bent on eliminating class by lowering the high end and raising the low end, making us all the same.

This is as it seems, a conflict with all that I have said prior in regard to Amateur Radio but you see, each thing must be considered on it's own merit. To say you are against all things that propose the lowering of standards period, is lowering yourself to an unthinking reactionary. You must consider what is the end result of each situation and what it is you hope to gain or lose. The big picture if you will.

No matter what we say in public, all of us want to raise our standards of living, or "Class". It is a basic human urge. Seeing what others have achieved motivates us to seek methods of self-improvement. It is the basis of our competitve urge to do better than the next guy that helped put us on the Moon and explore space (Remember Kennedy?). Cream does raise to the top, and there is no limit to how high the top can be. High achievers however, make some people nervous.

Anyway, in regards to Amateur Radio, this is why I suggested we provide a higher class of license that would offer NO additional priveleges! A pinacale for those to climb, for no other reason than because it is there. Can you imagine the rush of self-pride one would feel to accomplish such a thing? "Looked like it was hard so I thought I would see if I could do it". The motivators for achievement for your peers? (as a secondary consideration, it could be the mandatory class of license to become a VE). In addition, we could cover both ends ie., providing an easier path to enter into the hobby AND a path for higher achievement.

FWIW

72/73

Roger KD6CC

Date: Sat, 16 Jan 1999 11:13:55 +0100
From: "Lars Harbo" <harbo@post3.tele.dk>
To: <carl.s.hyde@lmco.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29893] Sv: QRP Rig for new CW ops
Message-ID: <19990116104537.DAWC326.fep1@oz1iva>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Carl

I like the idea of hands-on learning. We tried something similar with a 80m receiver from the EDR (danish ARRL URL: http://www.edr.dk) at my club in Copenhagen (http://www.hamradio.dk) a few years ago.

A (good?) choice may be the pixie-2 from it's lack of parts (abt 30 components in all...).
It easy to make and cheap. It's not the best out there but...

Go to yahoo or another search engine and search for 'pixie-2'. This will give u a few links to check out.

vy 72/73 de OZ1IVA, Lars

International letters are a problem uuith most computers.

Image houu America uuould have greeted Bill's computer if
they had to print tuuo u's instead of a single uu.

Lars Harbo - a crazy dane...

> Fra: Carl Hyde <carl.s.hyde@lmco.com>
> Til: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Emne: QRP Rig for new CW ops
> Dato: 14. januar 1999 22:58
>
> OK here's the deal. My radio club drafted me to come up with a qrp
> transmitter and receiver that can be built into a small enclosure like
> maybe an altoids can. The rigs will be a project for a group of about
> 5 new hams to build while they study code to get tech plus license. We

> are trying to build the number of entrants who are interested in cw and
> if we had a kit for them to build it might attract more to the cw mode.
> I have an abundant supply of altoids cans and have a corporate sponsor
> (the father of one of the kids) who has offered to foot the bill for the
> entire class. So we need a design that is easily built and tested and
> that will encourage the kids to complete the cw course and get their
> tech plus. I need to present the design at this months meeting so that
> we can get materials in time to start in mid March. I'm thinking that
> the receiver will be in one enclosure and the transmitter in another.
> Any suggestions? Thanks
>
> --
> Carl Hyde
> carl.s.hyde@lmco.com
> Desk: (609) 866-6386
> Fax: (609) 866-6414
>
> POLITICS: From the Latin prefix "Poli" meaning "Many" and the word
> "Tics"
>   meaning "blood sucking parasites"
>

Date: Sat, 16 Jan 1999 11:43:28 +0100
From: "Lars Harbo" <harbo@post3.tele.dk>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [29894] The Pixie-2
Message-ID: <19990116104541.DAWI326.fep1@oz1iva>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys

I have studied the original pixie for a while. Recently I came across this
list and your discussion of the pixie-2.
Now I have built 'a standard-no mods' pixie-2 - ugly bugly or birdsnest
construction. I used a ceramic resonator (3.578Mhz) instead of a crystal
and it works. So far so good.

I had/have some problems with it:

I work it from the suggested 9V from a battery.
I had a lot of 'motorboating'. I found 5,6v on pin 6 of the lm386. That
leaves abt 3mA for the IC and that is starving it so I reduced the 1k
resistor to 470 ohms. No more motorboating.

The pwrdraining of the osc gives abt ok RIT so that is ok.

My problem: Heavy AM-detection (surprise! - nyah, just kidding). But we do have a LOT of strong AM broadcast in Europe. I have heard Kalundborg (danish on 243kHz), BBC, a few german ones and Radio Seoul (maybe they deserve a SWL-report?) A few CW signal HAVE come thru, but I haven't worked anybody with the rig so far...

I have built my pixie-2 in a tobacco tin provided for me by a collegue who smokes. The lid is off so far.

My humble Question to all the Guru's out there: Can I get rid off/reduce the unwanted AM detection and how??

72 es Yours in tinkering
OZ1IVA, Lars

International letters are a problem uuith most computers.

Image houu America uuould have greeted Bill's computer if
they had to print tuuo u's instead of a single uu.

Lars Harbo - a crazy dane...

Date: Sat, 16 Jan 1999 12:43:00 +0100
From: "Ronald H. Evans" <rhevan1@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29895] Field Day Special Antenna from June 1984 QST
Message-ID: <000001be4145$5f6ed340$7a0c5c8b@Internet.deinet.rhevan1>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gentlemen:
Has anyone here had experience with the W7EL (Roy W. Lewallen) Field Day Special Antenna? I would like to build one for 15 Meters. It models beautifully, is compact and best of all the 300 ohm twin lead is cheap. I am especially curious if it is less critical to surroundings than the two element yagi. 73, Ron, K4KTB, Hamburg, Germany.

Date: Fri, 15 Jan 1999 23:18:35 -0500
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <crc@io.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29896] Re: What, Me Hurry?
Message-ID: <199901161233.HAA15358@fh105.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just downloaded *ALL* the test questions. Hey, howcom' I hav'fta learn all that stuff about vhf and fm and ssb when I know I'll never use it! 8>} ...only kidding...

I know it's crazy, but getting the Extra under the present testing procedure will mean more to me than a watered down exam. It would be even better if I could take the test before an FCC examiner.

Gonna' give it a try.

Date: Sat, 16 Jan 1999 07:48:23 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: jeffj@scott.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29897] Re: What, Me Hurry?
Message-ID: <36A08A97.55D0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff and gang,

This posting proves one thing and one thing only -- if you want to learn about something go to an expert. Expertise in the various aspects of ham radio is not necessarily related to license class.

73

Date: Sat, 16 Jan 1999 08:06:00 EST
From: KF4EIB@aol.com

To: qrp-l@Lehigh.EDU
Cc: tentec@contesting.com, tenten-l@Lehigh.EDU
Subject: [29898] Soource for Morse Code Key Knobs ?
Message-ID: <3246890e.36a08eb8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings to all,

Looking for a source for Key Knobs... different types, shapes, etc.
Anyone have a bunch in the Junque' Box?
Thanks in advance.

72, 73 de Gordon kf4eib

Date: Sat, 16 Jan 1999 08:24:19 -0500
From: n3aaz-qrp@juno.com (John R Kirby)
To: k5zty@juno.com, qrp-l@Lehigh.EDU
Subject: [29899] Re: Balun or no Balun
Message-ID: <19990116.082536.-323103.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Was it Maxwell that said "low SWR can kill you"?

John
N3AAZ

>Hey Guys, all I can say about this balun or no balun controversy is
>READ MAXWELL.
>
>Bill, K5ZTY
>Houston, TX
>k5zty@juno.com
>
>____
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>completely free e-mail from Juno at http://www.juno.com/getjuno.html
>or call Juno at (800) 654-JUNO [654-5866]

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 08:33:46 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [29900] Alinco DX77T   F.S.
Message-ID: <5cec2c03.36a0953a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Gang;
   I have a new Alinco DX-77T (base unit) for sale or trade. I got the radio at christmas and have used it less than a week. It works perfect , my complaint is a personal one. I have lost some hearing and I can not hear low bassy tones . I feel the audio from this rig is too bassy for me. I will sell it or trade it for another rig. Any offers considered. I paid about $700 for the radio.Thanks

                                les K4NK

Date: Sat, 16 Jan 1999 05:59:52 PST
From: "paul taylor" <ptay1@hotmail.com>
To: qrp-l@lehigh.EDU
Subject: [29901] pixie II
Message-ID: <19990116135953.4800.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

Hi, The pixie II is in kit form for at about $9.00 a kit for 80m + 40m.
+ sh
halted specialties co, 408 732 1532. these work at low freq. I have been stumped about putting it on 10m but a guru is working on it.
paul wb2gin

____
Get Your Private, Free Email at http://www.hotmail.com

Date: Sat, 16 Jan 1999 08:09:07 -0600 (CST)

From: PHILLIPS RICHARD <phillips@msoe.edu>
To: PDouglas12@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29902] Re: 73 Mag QRP Column?
Message-ID: <Pine.OSF.3.96.990116080105.17901B-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How about writing for 73 mag. I understand they pay for articles.
Maybe we could reserect 73. If anybody could do it, it would be this
group.
I was talking to a big dxer at a ham fest who had visited the qrp area at
Dayton last year. He was extremely impressed with the many homebrew rigs
on display. Looks like articles about those radios would make good
reading.
73 Rich
Richard Phillips Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

On Sat, 16 Jan 1999 PDouglas12@aol.com wrote:
>
> Not having a monthly QRP column in any of the major general ham mags is bad
> for us. We really don't want to have our QRP literature confined to our
> quarterly journals, however excellent they are, lest we lose our exposure to
> the ham fraternity at large, and thus stunt our growth. Publish or perish is
> real in this context, in my opinion.

Date: Sat, 16 Jan 1999 07:15:16 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [29903] Line noise, winter wx & antenna tuner stuff, in reverse order
     . . .
Message-ID: <19990116.071523.16214.0.nilsbull@juno.com>

Gang,

A while back I put together an antenna tuner (now dubbed "the
postmondernist antenna tuner" [pomo AT]) which was destined for the most
recent iteration of the "traveling radio box." It worked so nice that I
decided to trash out the version of the "ultimate transmatch" (UT) that
I've been using on the base station for all these nigh on to 20 years
since I last worked at Drake. The UT had worked great on 160 through 10
with a bit of a snag at 20, which was fixed by putting a 20m dipole on
the same feed line as the rest of the random assortment of lengths that

were actually tower guys.

So I rebuilt the pomo AT in the vast expanse of rack box space that I had in the previous UT chassis and found that
  (a) it worked pretty damn nice on 160 through 40 in the "low band" mode, providing I was willing to add extra parallel capacitance below about 3 MHz
  (b) it worked pretty well on 30 through 10 in the "high band" mode, provided I was willing to go through the arcane system of switches that I must now find hiding in the recently deconstructed "box of junk parts & other deteriorata that has prevented me seeing the floor for nearly 5 years now."
and . . .
  (c) what I learned from this project will be applied to the pomo AT for when the K2 arrives, gets built & has 160m to play with.

Meanwhile, back at the Grinnin' Turkey Ranch . . .

The recent weather in these parts has hung about 1/8 inch ice around everything that wouldn't absorb or melt off the rain and tiny hail stones falling in nearly 0 degree C weather. This has made for some interesting listening conditions. Like the occasional line noise that comes up in the afternoon as whatever is out there trying to thaw actually begins to thaw. The rest of the time, it's as silent as the uninhabited caves of Altamira. Very nice & very quiet. More nice & more quiet than . . . But it makes operating conditions weird, 'cause I can never be sure, when I turn on any radio, that I'll be able to hear whatever DX it is that everyone else seems to hear so well.

But at least I don't have to pick up pieces of bent, deformed, iced-over aluminum tubing from whatever beam I might have put up on the tower, had I done so last summer, which is another story entirely.

At least the motor in the remote vertical tuner isn't froze solid yit.

The bad thing about the line noise is that sometimes even the Steve Whitefield NB7 in the old TR7 doesn't quite kill off the junk. But it sure modulates CW signals funny. Made me think I had a power supply problem when I first heard it. Every CW signal sounded like the world had given up on power supply filtering & we were back to running raw AC on the plates of everything that keeps a shack warm in winter.

Which is another story into which I will not digress, having already digressed enough.

And I think I put a couple recently written poems up on the Fortune City site under the file name "poems.html" Which would be at <http://www.fortunecity.com/victorian/mehetebell/94/poems.html>.

So hi-dee-ho! I can't wait to smell the flowers!

73
Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
                                -- Comrade Sergei Nikolaievich
McTovarishov

____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 08:15:54 -0600 (CST)
From: PHILLIPS RICHARD <phillips@msoe.edu>
To: Ed Loranger <we6w@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29904] Re: Toroid winding Tip? (long)
Message-ID: <Pine.OSF.3.96.990116081249.17901C-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Jan 1999, Ed Loranger wrote:

> I have surveyed some of the professional products than
> have toroids wound commercially and have found they are
> very tight.

That's because they are machine wound. The machine keeps a constant
tension on the wire (which is adjustable). Very hard to do by hand. I
know because I used to wind em.

> In fact, so tight one wonders if the stretching
> of the wire actually is an application issue. That is, it
> is wound at a tension that is related to the wire material.
>

Date: Sat, 16 Jan 1999 08:18:04 -0600 (CST)

From: PHILLIPS RICHARD <phillips@msoe.edu>
To: John R Kirby <n3aaz-qrp@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29905] Re: Balun or no Balun
Message-ID: <Pine.OSF.3.96.990116081641.17901D-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Jan 1999, John R Kirby wrote:

>
> Was it Maxwell that said "low SWR can kill you"?

No, it was a Silver Hammer (bang, bang).
>
> John
> N3AAZ
>
> >Hey Guys, all I can say about this balun or no balun controversy is
> >READ MAXWELL.
> >
> >Bill, K5ZTY
> >Houston, TX
> >k5zty@juno.com
> >
> >_____
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> >completely free e-mail from Juno at http://www.juno.com/getjuno.html
> >or call Juno at (800) 654-JUNO [654-5866]
>
> _____
> You don't need to buy Internet access to use free Internet e-mail.
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> or call Juno at (800) 654-JUNO [654-5866]
>

Date: Sat, 16 Jan 1999 09:16:33 -0500
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [29906] VIRUS ALERT!
Message-ID: <36A09F41.4A5F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I just received a message from a very reliable source regarding a very
destructive virus. DO NOT OPEN mail titled "Join the Crew for Penpals."
It will erase your hard drive and forward itself and infect the drive
of whose e-mail address is present in your box!

Joe, K3CHP, Riverdale, MD

Date: Sat, 16 Jan 1999 08:41:41 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: qrp-l@Lehigh.EDU
Subject: [29907] Baluns Analyzed
Message-ID: <3.0.1.32.19990116084141.006a9d8c@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

For those who are interested in how baluns perforn in the real world, check
out the article by Frank Witt, AI1H, in the ARRL Antenna Compendium, Vol 5.
 The references include many other sources of information on the subject.

His article analyzes 3 popular baluns and provides details of
characteristics and testing results. He does not include the RF choke
isolation methods using ferrite beads or coils of coax at the antenna feed
point.

Good, informative reading...

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Wed, 13 Jan 1999 00:55:18 -0800
From: utahfolk@konnections.com
To: qrp-l@lehigh.edu
Subject: [29908] UT QSO ... skeds
Message-ID: <369C5F76.50B3@konnections.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A number of skeds are underway for UT on CW of course.

If anyone else desires a UT QSO/QSL, Tuesday is the day,
from 11AM to 9PM Mountain time ... propose a skedule time
and freq and I will get back to you ... de Og KD7AEE

Date: Sat, 16 Jan 1999 06:58:29 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: k3chp@erols.com
Cc: qrp-l@lehigh.edu (qrp)
Subject: [29909] Re: VIRUS ALERT!
Message-ID: <199901161458.GAA18217@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Joe,

Appreciate the thought, but unless the message is a MS Word document
that has an imbedded macro, and in that event, you must open it in
Word, it is impossible for an email message to do as you suggest.

These "warnings" come up from time to time, and are in themselves
the "virus".

cheers, Paul - VE7CQK - email: paule@sfu.ca
>
> I just received a message from a very reliable source regarding a very
> destructive virus. DO NOT OPEN mail titled "Join the Crew for Penpals."
> It will erase your hard drive and forward itself and infect the drive
> of whose e-mail address is present in your box!
>
> Joe, K3CHP, Riverdale, MD
>
>

Date: Sat, 16 Jan 1999 16:00:43 +0100
From: Frank.DH0JAE@t-online.de (Frank Schuster)
To: k3chp@erols.com
Cc: qrp-l@lehigh.edu
Subject: [29910] Re: VIRUS ALERT!

Message-ID: <m101XDP-0003DzC@fwd03.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Thank You dear Joe,

it is a hoaxes.

You can get more information on http://www. tu-berlin./www/software/hoax.html

Joseph Mikuckis schrieb:
> I just received a message from a very reliable source regarding a very
> destructive virus. DO NOT OPEN mail titled "Join the Crew for Penpals."
> It will erase your hard drive and forward itself and infect the drive
> of whose e-mail address is present in your box!
>
> Joe, K3CHP, Riverdale, MD
>

73 es 72! de Frank
DH0JAE, QRV only in QRP
G-QRP-C 6807, DL-QRP-AG *FM*

Date: Sat, 16 Jan 1999 10:04:48 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "Ronald H. Evans" <rhevan1@ibm.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29911] Re: Field Day Special Antenna from June 1984 QST
Message-ID: <Pine.GSO.3.96.990116095020.21922D-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Jan 1999, Ronald H. Evans wrote:

>Gentlemen:
>Has anyone here had experience with the W7EL (Roy W. Lewallen) Field Day
>Special Antenna? I would like to build one for 15 Meters. It models
>beautifully, is compact and best of all the 300 ohm twin lead is cheap. I
>am especially curious if it is less critical to surroundings than the two
>element yagi. 73, Ron, K4KTB, Hamburg, Germany.
>
>
Ron,

I built one using a different construction technique for test purposes during the study of ZL Specials I did for Communications Quarterly some time back. My version was for 10 meters and was installed at a test height of 20'. My house-edge/driveway is bounded by a few trees, but nothing other than my regular tower and antenna to count as surrounding objects. So I guess we might classify the area as only modestly cluttered.

I found no significant differences in the feedpoint impedance point the antenna in any direction--over the roof, at trees, etc. The antenna performed--as close as local helpers with the patience for me to turn the antenna every whichaway can allow--just as Roy's article specifies and as models of it. I modeled the antenna in both NEC and MININEC, with folded dipoles throughout the model and replicated these with 450-Ohm windowed vinyl covered line. The length adjustment to the model was about a little over 1% for the insulation.

I built mine on a light weight thinwall PVC framework, with the element ends in slots for easy access for test trimming. The framwork allowed easy rotation for pattern determination, but I really would not recommend such an arrangement for long-term use. Even with lines from the center mast extension to the four corners, it undulated in the wind. Strong, but disconcerting. However, the antenna can be build by taping elements to bamboo, fiberglass, or other light tubes. The key is to keep the phasing line between elements spaced from the mast, if you make a rotatable version. Might even conside using a short (under 5') length of PVC for the antenna boom to mast junction for both the boom and for the mast extension. A lot of early (1950s) ZL Specials failed to work because of phase line coupling to metal booms. The twist in the phase line becomes ineffective if coupled to a common third line like a metallic boom. Of course, the fixed mounting that Roy suggest for Field Day use, with the half-wave switchable lines to reverse directions is also effective.

The pattern is quite broad in the forward direction, and F-B is generally superior to most 2-element Yagis of driven-element/reflector design. however, side rejection is good.

Hope these notes are useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
Knoxville, Tennessee
37938-4443 USA
(Off)(423) 974-7215
(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu

URL: http://web.utk.edu/~cebik/radio.html

Date: Sat, 16 Jan 1999 10:23:07 EST
From: n4so@juno.com (charles k brown)
To: QRP-L@lehigh.edu
Subject: [29912] South Africa on 5 watts
Message-ID: <19990116.152054.2607.6.n4so@juno.com>

Just worked ZS6KO Bill in Pretoria, S. Africa on
14.006 at 0435Z, almost the exact same time as
Jake Carter who also worked Bill a few days ago.
ZS6KO runs 5 watts to a 2 element yagi and mine
is 5 watts to a 4 element beam. The beam was pointing
SW but called and worked him anyway.
The NCDXF beacon ZS6DN on 14.100 is s-0 at this time
and is all I am hearing from the beacon network on 14.100.
Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

_____
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Date: Sat, 16 Jan 1999 07:42:56 -0800
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [29913] Re: 73 Mag QRP Column?
Message-ID: <004801be4166$e3f7f3a0$3eac2599@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-7"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought I was nuts when I looked of page 54 and saw the "digital"
column. A quick fanning of the pages yielded nothing QRP.

..you make a good point. We are a strong segment of the market. Perhaps this could be brought to the attention of ol' Wayne. Maybe he could convert 73 to "all QRP all the time" -- rename it "72" and gain HR mag prominence. He could sell ads to Wilderness, Small Wonder, Elecraft, etc. to replace the ad space that he DOESN'T sell to Kenwood, Yaesu, etc.

..naw, never happen. He'd just rant in his multipage op-ed piece of how he invented low-power communication as a rebelliion against the ARRL/FCC incentive licensing scam back in the 60s when he left as editor of CQ..

sigh

-----Original Message-----
From: PDouglas12@aol.com <PDouglas12@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, January 15, 1999 9:11 PM
Subject: 73 Mag QRP Column?

>Hi Gang,
>
>Was I not paying attention? What's going on with 73 Mag? This month's
>anorexic edition has a QRP column listed in the table of contents, but that
>appears to be a cynical mistake. On the listed page, there is a digital
>column, not our beloved QRP stuff. Mike Bryce, did you mention (or was that
>just a late night nightmare?) that you were going CL in 73? Are they nuts?
>
>Here we are, a genuinely warm fuzzy growing fraternity of QRPers, with all
>this great stuff happening--Elmer, K2, 2N2/40, OHR 500, and the established
>companies like Wilderness, S&S, Emtech chugging along, and the huge growth in
>clubs and growing significant presence in the big ham gatherings, and now
>along comes 73 which cuts QRP out (?)   What are they thinking? Dammit, we
>are a seedling growth area, and isn't that what the incredible shrinking 73
>Mag needs--growth?
>

>Not having a monthly QRP column in any of the major general ham mags
is bad
>for us. We really don't want to have our QRP literature confined to
our
>quarterly journals, however excellent they are, lest we lose our
exposure to
>the ham fraternity at large, and thus stunt our growth. Publish or
perish is
>real in this context, in my opinion.
>
>Now, we all know that the editorial content of 73 has gone into the
deep water
>beyond the reef, and I for one am unwilling to maintain my
subscription just
>to give ol' Wayne Greene a personal, multipage soapbox. If QRP has
left his
>rag, I'm outta' there. He'll not see another nickel from WJ2V. From
the
>looks of things, frankly, I suspect the magazine is terminal, and is
too
>moribund to care about my departure.
>
>Enough grit! I am operating my 2N2/40 by K8IQY many nights, and am
racking up
>QSOs. It just amazes me that you can build a fine QRP rig with just
2N2222s,
>and some solder, and some superglue. (OK, and some coils and caps,
of
>course.) I just don't know whether I should start scaling the tuned
circuits
>of Jim Kortge's great design to start building a 2N2/30 or keep the
bench
>clear for the K2 coming soon. Stay tuned, Doug and Paul are about to
turn the
>big guns around to their next target and get the 2N2/40 design into
the hands
>of the Zombies.
>
>It is a good time to be a QRPer, isn't it? 73 sure seems to be
bucking the
>trend, doesn't it? Are you guys enjoying Chucks parallel courses in
>Oscillators and Spice. I am . Make sure to tell him you are still
following
>along, so he doesn't feel like he is talking into a dead band!
>
>OK, well, the 73 situation has been bothering me, and who else am I
going to
>discuss this with?

>
>72,
>
>Preston WJ2V
>
>PS Oh, and if I am wrong about the demise of the QRP column and it
is just on
>hiatus, then please accept my Emily Litella: "Never mind."

Date: Sat, 16 Jan 1999 10:48:14 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [29914] CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
Message-ID: <19990116.105058.-197797.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

dEAREST gANG:
     I am ateemp;ting to relieve ur fears and put this thread to rest for a
while....
way back when ssb was first coming on strong we lamented the death of AM
as we knew it...
     Voice Communication.... check around and u will find am stations...
great audio... but not as effective as folks think ssb is... so ssb is
top dog.... ok...

     CW.... one dit on a bananna peel and one dah on the edge of the grave,
or so people say... however what everyone seems to be forgetting is that
cw works... it works real good and is simple to operate.... and while the
US may drop it's cw requirement not everyone will... and what gets u
farther down the road for the watt??? CW... That's why it's the choice of
qrp ops.... that's why dx hunters use cw... and that's why cw will
always be around.... it works and works well... when most modes won't....
     If down the road the majority of hams want to use other modes .... then
the cw op will have a field day every time he/;she .... she/ he gets on
the air....
     Death of cw as a license requirement seems to be around the cornor....
however, the death of cw on the ham bands is not going to become a
reality...
     Look about u... look at the ham radio rainbow of things one can do....
CW.. RTTY... SSB... SSTV... AMTOR... PACTOR .... FM AND ON AND ON....
     tHE new generation of hams will re-discover cw.. should it's use
diminish... and those that feel challanged will discover qrp operation...

wheather that qrp be at 100w or less ..... or 5w or less or milliwatts or less... and as now, they will do it in cw, ssb, rtty ect...

Just as the oceans have their high and low tides... ham radio has it's ups and downs... don't tunnel vision on any mode or power level and u will find no need to worry about ham radio as a hobby... it's a good hobby and has a place in the great rainbow of life...

Now ,,,, who can tell me what model of Icom took the place of the ic 735.... remember it had that window and the newer model eliminated that...

joel wa5cvm in maine, thinking of the good ole days and realizing ...they are now....

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 08:55:00 -0700
From: jaywa5whn@juno.com (Jay D Miller)
To: qrp-l@lehigh.edu
Subject: [29915] No Snow in DM54 {Pinetop, AZ} for FYBO 1999
Message-ID: <19990116.085504.2678.0.JayWA5WHN@juno.com>

The AZ & NM QRPers go into a huddle, it's 4th down, no more time outs & the goal post is not even in sight. Quick, send NA5N to Colorado to find out how they place that soft white stuff on those 14K feet peaks. Paul returns and tells us the Colorado QRPers had to import an expert from Alaska {AL7FS}, because they have the very same problem. Hmmmm, again we huddle, this is embarrassing, no snow in the forecast, in fact, it's a warming trend {"El Nina"}. KK6MC volunteers to head to the NM/CO border to shanghai any storm headed towards Colorado.

We had consulted with the very wise FYBO Curator {AB7TT}, he replies "Find someone from the east, who is all knowing & wise." Gulp, you mean from Tejas {Texas}? "No dummy, someone from the far east." Ah ha, we did. We have a far east guru {MCSE, CNE} who is going to show us how to make snow. This Individual has just come from a very successful & record setting snow fall event. { W4IM}. We will appease this person with lots of tamales, green chili, and occasionally, cactus water. We will even try the old "wash the car" trick the day before.

Hopefully, soon to be, from the north slope of Morgan Mountain {DM54ba} in Arizona @ 7,500 feet asl, with snow.

Maybe a K2 @ Morgan Mountain will bring a snow storm?   ;-)

Abbey Normal, WA5WHN

PS Don't forget, Feb. 6, FYBO 1999 consult the following url for times & frequencies;

http://www.extremezone.com/~ki7mn/

click on QRP Contests

{For those who are web browser challenged}

vole@primenet.com

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 10:08:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [29916] FOX: Team scores
Message-ID: <Pine.LNX.3.95.990116095800.18665A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I guess Chuck, K5FO, was a special event station and doesn't count for the fox scores so on to Doc, K0EVZ, hunt #25.

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

****
The 40 mtr Fox Hunt Team Scores
****

...the Houston Hounds- 17.650 - hounds-> K5ZTY,W5SB,KK5LD

...the Vibro-Fox Finders - 15.400 - hounds -> WE6W,KU7Y,K2VCO,WS8D

...the Underdogs - 14.576 - hounds -> N4ROA,KI0II

...the Texas Tarantulas - 13.750 - hounds -> AB5WX,K5LN,N5TW

...the Fox Nabbers - 13.733 - hound -> W0CH

...the Brass Pounders - 11.750 - hounds -> AB8DF,N1FN,AK7Y

...the Northern Lights - 10.400 - hounds -> VE7CQK,VE6EWM,VE2KN

...the Kentucky Porch Houndz - 9.000 - hungry frozen hounds..

...the Swords - 6.327 - hound - N8VAR

...the Team Apathy - 4.662 - empty bellies here.

...the Jersey Diddles - 2,825 - hound -> N2TO

Date: Sat, 16 Jan 1999 15:56:37 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [29917] K2 SSB option?
Message-ID: <36A0B6B5.50B5@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

>From the beginning the Elecraft site has indicated an SSB option will be
available for the K2, but I haven't seen any comments or '(p)reviews'
about it yet on this medium.

Perhaps somebody who has spoken to Eric or Wayne and seen the prototype
rig knows if SSB will be available at about the same moment as the basic
K2 for CW only? I'd like to get both CW and SSB capabilities on all
bands in one go as I don't have a rice box ;-)

73 de oh2zaz
--
Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sat, 16 Jan 1999 11:28:25 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <paule@sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29918] Re: VIRUS ALERT!
Message-ID: <001401be416d$420028e0$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

From: Paul Erickson <paule@sfu.ca>

>Appreciate the thought, but unless the message is a MS Word document
>that has an imbedded macro, and in that event, you must open it in
>Word, it is impossible for an email message to do as you suggest.

This is no longer true.

If you use Netscape's mail client or Microsoft Outlook or Outlook Express, it is possible for opening a mail message to do all sorts of things, even without an embedded Word or Excel document. The RISKS list reports that for Outlook Express, you don't even have to OPEN the mail message, although I'm personally a little skeptical about that since I haven't seen the exact mechanism (Inbox Assistant maybe?)

Although I haven't seen it mentioned specifically, I would expect Eudora to also be vulnerable, since it uses the Mozilla engine.

The root of the problem is that these mail clients will execute ECMAscript (formerly called Javascript) code in the mail message without warning, and potentially, without any indication that it's happening.

The Netscape hole applies to operating systems other than Windoze, and there seem to be some additional vulnerabilities with the Linux version of Netscape, tho I haven't personally delved into the Linux details.

The Netscape issue is especially nasty since (contrary to their claims) Navigator/Communicator writes your unencrypted credit card numbers to the disk cache. A widely available email script can scavenge valid credit card numbers from your cache and mail them off without any indication that this is happening.

Sorry, it just gets nastier and nastier out there.

72/73 de WB8RCR http://users.tm.net/jjmcd/
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 16 Jan 1999 11:47:22 -0500
From: n2jgu@juno.com (Gary M Diana)
To: qrp-l@lehigh.edu

Cc: n2jgu@juno.com
Subject: [29919] Elmer 2XX, Linux Info
Message-ID: <19990116.115200.-75517.1.n2jgu@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All -

  In one of Chuck K5FO's Elmer 2XX postings, he mentioned something about getting RedHat Linux running at home. As coincidence would have it, my friend Jim KB2LET told me about an offer at Office Max.

  They are selling V5.2 of RedHat Linux for $39.95, with an instant rebate of $10, and a mail-in rebate for $30. So tax and postage aside, this software is FREE. I do not know whether this distribution of the software includes a hard-copy manual or not. I also realize that there are places on the Internet where various flavors of PC UNIX can be dowloaded for free; getting it free from a local store, and on a CD is a practical alternative to the free download.

  I called the 3 Office Max stores here in Rochester NY and they were all sold out of Linux, but expect more to arrive soon. They said the offer lasts til the end of January.

  Hope this info helps!

73, Gary N2JGU
ps. For those that do not know what Linux is, basically it is a version of UNIX for the PC. I have an old 486 at home, and that's what my goal is for it.

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 11:52:33 -0500
From: "Charles R. Mabbott Sr." <crmabbott@mediaone.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [29920] This is what real hams do
Message-ID: <00e401be4170$9cdb1a60$0d318318@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have watched a lot of messages, but I believe this sayes it
all
73,
Chuck AA8VS
Canton, MI
MI-QRP #M1212
----- Original Message -----
From: Barry L. Geipel - AD6HR <bgeipel@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, January 16, 1999 12:53 AM
Subject: Advise on teaching

>Hi all,
>
>I just got my Extra and now upgrade fever has hit the
>NTS net that I frequent. I have volunteered to help
>a blind ham with studying for his Advanced. After
>agreeing to do this, I realized that I have no idea how
>to teach to a blind person.
>
>Does anyone have any hints or suggestions?
>
>Thanks in advanced
>
>---
>Barry L. Geipel - AD6HR|| Lacking a muse, my mauser
>bgeipel@primenet.com || must be my thunderbolt.
>NRA HMGS ARRL ||
>---
>   http://www.primenet.com/~bgeipel
>
>

Date: Sat, 16 Jan 1999 10:14:05 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@lehigh.edu
Subject: [29921] MRF237 data?
Message-ID: <19990116.101417.-4172951.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Does anyone have full data for the Motorola RF transistor MRF237 that is now obsolete, but still used in the HW-9 and a "hotter" device for the NC40A, Sierra, and other QRP rigs?

I have a little data on it, but would like the "whole banana". ;-)

Many thanks in advance. (TIA)

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 12:31:11 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <wn6hyx@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29922] Re: Idaho WAS
Message-ID: <007d01be4176$041b58c0$11338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Now this has got to be the best post of the week! Now that's Ham radio, YES! CU Mitch
-----Original Message-----
From: wn6hyx@qsl.net <wn6hyx@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, January 15, 1999 7:46 PM
Subject: Idaho WAS

>At 2357 on 16/01/99 had FB QSO with Bill W7AAZ ---WAS Novice is accomplished! Huge thanks to Don AI4CW - Bill W7AAZ - Niel WA7SSA and Ron KU7Y for all their help.
>
>Best 72
>Mary > wn6hyx
>qrp-l #1779   qrp-c #51

>

Date: Sat, 16 Jan 1999 09:41:20 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Jay D Miller <jaywa5whn@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29923] Re: No Snow in DM54 {Pinetop, AZ} for FYBO 1999
Message-ID: <Pine.SOL.3.96.990116093726.19200C-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Attention Jay....

NOTICE.....

Last night brought MORE snow to the mountains around Lake
Tahoe.

To insure warm conditions in AZ, I turned on all the ground
based cloud seeding generators. CA/NV/OR/ID FYBOers will
have some of that nice white stuff to play in. No need to
bring so called X-Purts in from the far east!

Yep, you'all just bribed the wrong guy.... :-)

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 16 Jan 1999 12:44:58 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <bgeipel@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [29924] Re: Advise on teaching
Message-ID: <00c901be4177$f09eb880$11338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, when faced with the exact same problem, we read the questions and answers off to an audio cassette. The Gentleman merely sat and listened to the questions and answers at his will and pleasure! We read him the questions and choices at test time and he scored 94% on his exam! Why not ask him if this would help. Most counties have help for the blind and they just might have a braille converter you could use as well. CU Mitch 73 AE4YW

-----Original Message-----
From: Barry L. Geipel - AD6HR <bgeipel@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, January 16, 1999 1:15 AM
Subject: Advise on teaching

>Hi all,
>
>I just got my Extra and now upgrade fever has hit the
>NTS net that I frequent. I have volunteered to help
>a blind ham with studying for his Advanced. After
>agreeing to do this, I realized that I have no idea how
>to teach to a blind person.
>
>Does anyone have any hints or suggestions?
>
>Thanks in advanced
>
>---
>Barry L. Geipel - AD6HR|| Lacking a muse, my mauser
>bgeipel@primenet.com || must be my thunderbolt.
>NRA HMGS ARRL ||
>---
>   http://www.primenet.com/~bgeipel
>
>

Date: Sat, 16 Jan 1999 12:48:03 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <N7YA@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29925] Re: What, Me Hurry?
Message-ID: <00d601be4178$5e759e00$11338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hey Adam, your on a roll! I know we are all having a good time watching
:) CU Mitch
>

Date: Sat, 16 Jan 1999 09:52:08 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: William Phinizy <k6whp@gte.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29926] Re: 73 Mag QRP Column?
Message-ID: <Pine.SOL.3.96.990116094254.19200D-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Jan 1999, William Phinizy wrote:

> ..naw, never happen. He'd just rant in his multipage op-ed piece of
> how he invented low-power communication as a rebelliion against the
> ARRL/FCC incentive licensing scam back in the 60s when he left as
> editor of CQ..

Yep! First he would not bother to say why he left CQ.... seems I
remember that it wasn't quite all his idea! :-)

And he is the #1 driving force behind the idea that the ARRL
"invented" some new thing called incentive licensing. He just does
this to stir the pot and keep all the whinners whinning!

In reality, all that happened is that there was a small window
of time when "incentive licensing" didn't apply. Before that
you had to have a class A license to use 75m phone. Then that
changed to the Extra class. Then they did away with that at the
same time they allowed phone on 40m.

I was licensed in 53. I could not use 75m phone because I was
a general. Later I could use anything. Even later I was back to
being restricted again.

So I did what any red blooded good American would do and upgraded
my license!

No sireeeee, ole' Wayne will never get a dime from me no matter
what he puts in his lousy rag!

:-)

There, that feels better now!

cul,

73, Ron,   SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 16 Jan 1999 10:02:57 -0800
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Cc: Arjen.Raateland@vyh.fi
Subject: [29927] Re: K2 SSB option?
Message-ID: <36A0D451.2CB55B06@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We're finalizing the SSB option now. (I have already made contacts using the K2 in SSB mode.) I expect that it will ship out in the next 6-9 weeks or so if all goes well. That should coincide with the majority of our K2 backlog shipments.

Our biggest challenge right now is getting in K2 parts from our suppliers quickly to satisfy our demand. Having this much interest is exciting for us, but wow, are we tired!

73, Eric

==========
You wrote:
>From the beginning the Elecraft site has indicated an SSB option will be available for the K2, but I haven't seen any comments or '(p)reviews' about it yet on this medium.

Perhaps somebody who has spoken to Eric or Wayne and seen the prototype rig knows if SSB will be available at about the same moment as the basic K2 for CW only? I'd like to get both CW and SSB capabilities on all

bands in one go as I don't have a rice box ;-)

73 de oh2zaz

Date: Sat, 16 Jan 1999 13:16:08 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <rmccarty@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29928] Re: NPRM Comments (Long)
Message-ID: <00e301be417c$4ac30ec0$11338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

MY GOD ROGER, you're daft! Are you really so out of touch with reality that you can't understand that greed and greed alone are driving the move to change ham radio? And what gives with this attitude that we should be sheep for our corporate herdsmen? I for one could care less what the industries that support the hobby does, until they start taking the attitude that we are their herd and by changing or manipulating the rules to their economic advantage they can put another dollar on their bottom line!

Try to understand this Roger: Ham radio should be for the advancement of knowledge in the radio art, and THAT ALONE!!!!! Think for a moment what ham radio has given this country. Think what we may give this country in the future! Doing anything that reduces the value of our art or license to make an advantage for a corporate entity is absolutely unacceptable! It is federal law that a company cannot threaten its workforce that it will close and move if the workforce does not do what they are told. I see absolutely no difference if the corporate "Ranchers" tell we sheep that they will close us down if we don't comply with their whims!!!!!!!

You sir must either work for, or own a business that would profit from our destruction. I will remember your name and call, for you are to be watched and avoided!   Mitch AE4YW

Date: Sat, 16 Jan 1999 11:27:11 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>, "CQClist" <CQCLIST@MTECHNOLOGIES.COM>
Subject: [29929] FYBO: Hey Joe! got gnow?

Message-ID: <000901be417e$a78ef040$96a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Gang,

I need a break from my work & building this house ..so tomorrow about 4:30am MST I'm heading up to my local FYBO '99 spot to check things out Plan on launching a sig on 7040 @ 6am MST(1200utc) and 14060 @ 7am MST (1300utc). I'll have an SST/20m and an older sw40 non plus both of which are cranked down to a mear 950mw ....but got lots of gain from 1800' shear drop off to the east and NE and a slopping 600' drop to the west with no obstructions 360* field of view about 25m to horizon. Sooo if your up at this hour and sipping some jo in the shack, please give a listen for n0tu/p I'm interested in what the grayline prop will be like from there...Mt Herman Eskimo

(Hey Joe ...Got SNOW?)

  7040 @ 6am MST(1200utc)
14060 @ 7am MST (1300utc)
n0tu/p ...Steve

Date: Sat, 16 Jan 1999 10:39:57 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29930] Re: NPRM Comments (Long)
Message-ID: <Pine.SOL.3.96.990116102648.19380D-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

One little thought....

I think there are two kind of equipment manafacturs. The BIG BOYS and the HAM ONLY folks.

For the BIG BOYS amateur radio is but one part of their pie. They will do whatever they can to increase their sales in all areas including amateur radio. For them the

only goal is $$$$

The HAM ONLY suppliers are, I think, a different story.
Many, if not most, are owned and run by a ham. They have
a vested interest in amateur radio. Most of these compaines
are not really full income ventures but rather part time
income additions. I think that most of these people would
shut down if they thought what they were doing was bad
for the hobby!

I think in the discussions about money and greed, we need
to keep this difference in mind.

I'll not state my feelings on the "lowering the bar" issue.
If there is anyone that really doesn't know what they are,
I'll be glad to let you know off line!

(Gad, am I getting nice or what???)

Also, PLEASE, lets stop quoting messages!!

Find the switch in your mail program and turn it OFF!

Edit and quote only that part of a message needed to make
your point. The other few pages just slow the whole system
down!

Quoting messages for no reason, not putting your call sign
somewhere on your post and not having your state listed
are my three big gripes!!

I really don't care about "topic" or "off topic". But don't
quote, don't hide who you are and where you are from!

OK, I'm done playing list cop! Back in my hole,

73, Ron,   SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 16 Jan 1999 13:57:13 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: < (Gary M Diana) n2jgu@juno.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29931] RE: Elmer 2XX, Linux Info
Message-ID: <XFMail.990116135713.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On 16-Jan-99 Gary M Diana wrote:
> Hello All -
>
>   In one of Chuck K5FO's Elmer 2XX postings, he mentioned something
> about getting RedHat Linux running at home. As coincidence would
> have it, my friend Jim KB2LET told me about an offer at Office Max.
>
>   They are selling V5.2 of RedHat Linux for $39.95, with an instant
> rebate of $10, and a mail-in rebate for $30. So tax and postage
> aside, this software is FREE. I do not know whether this distribution
> of the software includes a hard-copy manual or not. I also realize
> that there are places on the Internet where various flavors of PC
> UNIX can be dowloaded for free; getting it free from a local store,
> and on a CD is a practical alternative to the free download.
>

   You can get RedHat CD's (or Debian, FreeBSD, etc.) from www.cheapbytes.com, for well under $10.00. I have *always* ordered my CD's from there, and am VERY pleased with the service - the longest it has ever taken for my CD's to arrive is three days. While the OfficeMax deal is certainly better in this instance, for future updates, CheapBytes is the way to go. (At least, if you don't have a cable modem and can download the distribution in 10 minutes. :-)

   Please note that you won't get anything more than an installation pamphlet from anyone other than RedHat itself. If you don't have any experience with Unix, you will really, really need to get a book on Linux, in order to avoid substantial frustration. :-)

ObQRP: I just resurrected my original NC-40 from a drawer the other night (I've been using my Sierra instead.) If nothing else, the 36" of snow in my backyard seems to have provided me with a really great ground plane for my R7. :-)

- Rich

--
Rich Mulvey
http://mulvey.dyndns.com
Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

Date: Sat, 16 Jan 1999 13:14:48 +0000
From: James Parsons <k5rov@wcc.net>
To: qrp-l@lehigh.edu
Subject: [29932] Re: Elmer 2XX, Linux Info
Message-ID: <36A090C8.C8E32D2E@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Please excuse my ignorance, but just what is Linux and Unix? Is it an
operating system like Windows?

Thanks and 73,

Jim, K5ROV

Rich Mulvey wrote:
>
> On 16-Jan-99 Gary M Diana wrote:
> > Hello All -
> >
> >   In one of Chuck K5FO's Elmer 2XX postings, he mentioned something
> > about getting RedHat Linux running at home. As coincidence would
> > have it, my friend Jim KB2LET told me about an offer at Office Max.
> >
> >   They are selling V5.2 of RedHat Linux for $39.95, with an instant
> > rebate of $10, and a mail-in rebate for $30. So tax and postage
> > aside, this software is FREE. I do not know whether this distribution
> > of the software includes a hard-copy manual or not. I also realize
> > that there are places on the Internet where various flavors of PC
> > UNIX can be dowloaded for free; getting it free from a local store,
> > and on a CD is a practical alternative to the free download.
--

James (Jim) Parsons, K5ROV   USAF, Ret. Ham for 58 yrs.
k5rov@wcc.net ICQ-17012707 QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 16 Jan 1999 14:29:29 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [29933] reflector problem????????/
Message-ID: <605f72ea.36a0e899@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

User mailbox exceeds allowed size: michaeln@web-cycat.com
Hi Gang,
yesterday I had made several postings.
They all made it and I had received many others respond.
However,several hours after the posting,I keep getting returned mail from the above address.
Thats why I agree with Ron.
If there was a call,then we would know who this belongs to.
Any reason it comes back to me when I sent the message to qrp-l??
Bob
WA2HOQrp <tm>

Date: Sat, 16 Jan 1999 13:06:50 -0800
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: Paul Erickson <paule@sfu.ca>
Cc: qrp-l@lehigh.edu
Subject: [29934] Re: VIRUS ALERT!
Message-ID: <19990116130650.A1930@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

ALL REPLIES TO THIS BY PRIVATE E-MAIL PLEASE. While this is getting seriously off-topic, there is something in here that would be of interest to the general QRP-L attendance. Namely....

> Appreciate the thought, but unless the message is a MS Word document
> that has an imbedded macro, and in that event, you must open it in
> Word, it is impossible for an email message to do as you suggest.

What most people don't realize is that Microsoft Outlook and Outlook Express both default to using Microsoft Word as their e-mail viewer. You have to explicitly tell it OTHERWISE upon installation.

Now I'm not familiar with Word's macro language (which is really a dialect of Visual Basic), but I do know that it has the power to call upon COM objects (Component Object Model, not .COM files) within the Windows environment; and guess what happens to be a COM object itself? Word, and THE DESKTOP. This means that all this script has to do is call the desktop, get the root file object, and recursively start deleting. The code to do this in Visual Basic is actually quite small, and can be made very inconspicuous very easily (making any attached scripts Trojan Horses, basically). I suspect the same is true for WordBasic (Word 6.x) and Visual Basic for Applications (Office 95 and later).

> These "warnings" come up from time to time, and are in themselves
> the "virus".

While the vast majority of such notices ARE hoaxes, you'll be suprised at how much of a security hole Windows itself is, much less /defaulting/ Word as the e-mail viewer. This is one of the reasons why I do not advocate using Windows in a business setting unless it's ABSOLUTELY required to do so, and even then, **ONLY** Windows NT Workstation 4.0 Service Pack 3. Service Pack 4 has nasty security loopholes, and caused NT to be FORBIDDEN by the NSA to be in secure portions of the government computer network. This is a serious blow to Microsoft, and will force them to delay NT 5.0 significantly (considering NT 5 uses NT 4 as its foundation). So much for its long-touted C2 security, eh?

And even NT 4 is a major security hole in itself, as OUT OF THE BOX, any old Joe Blow can type at a command prompt:

```
C:\WINNT\Profiles\JoeBlow\Desktop> CD \
C:\> DELTREE WINNT
```

and Windows will /happily/ start deleting itself. I'm not talking about the system administrator, mind you -- I'm talking an ordinary user account! So even NT 4 requires serious man-time to configure its security well. But at least it CAN be secured well enough for business use. The question is, how many people in today's upper echelon of systems administrators know this? I can tell you from practice: not many.

Currently, I advocate two alternative operating systems for general use in a networked business environment. Linux and Solaris. Linux is a little less secure, but works fantastic as a workstation machine because its fast. It can be MADE to be very secure, but like NT, you have to do it manually (though Debian does a nice job of setting up default security quite nicely). Solaris, however, is really quite secure, but is slower than Linux, lending its target use as a file or other network server. And yes, it's FAR more expensive too. :) Both are really quite reliable -- I haven't had to reboot any AxisInternet's UNIX servers in YEARS (yes, that's right), whereas the NT servers needed periodic reboots about every two months. I do recommend

NT, however, for web server use; and that's all.

As a systems administrator for AxisInternet (now merged with Simply Internet, unfortunately for our prior customers), I /have/ seen these types of virii, and what they can do to our client's computers. I am now both network engineer and system administrator for a startup ISP (to replace AxisInternet), and I can assure you, I will be keeping a close eye on this. If it happens too often, I will block all x-application/ms-word and application/ms-word MIME types from their recipients (with suitable notification to our customers, of course).

ALL REPLIES TO THIS BY PRIVATE E-MAIL; this is seriously off topic.
Thank you.


```
======================================================================
      KC5TJA/6     |                  -| TEAM DOLPHIN |-
        DM13       |                  Samuel A. Falvo II
    QRP-L #1447    |       http://www.dolphin.openprojects.net:9673/
   Oceanside, CA   |.....................................................
```

Date: Sat, 16 Jan 1999 13:49:09 +0000
From: James Parsons <k5rov@wcc.net>
To: mulveyr@iname.com, qrp-l@lehigh.edu
Subject: [29935] Re: Elmer 2XX, Linux Info
Message-ID: <36A098D5.EB9AE1E5@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thank you, Rich. The system sounds very interesting. I can't get by a few days without problems with my W-95 and W-98 systems. I will check into this.

Best 73,

Jim, K5ROV

Rich Mulvey wrote:
>
> On 16-Jan-99 James Parsons wrote:
> > Please excuse my ignorance, but just what is Linux and Unix? Is it an
> > operating system like Windows?
>
>   Well, Linux and other Unix variants are operating systems, but that's about
> where the resemblence stops. :-)

>
>   Unix systems are much, much more powerful and reliable than Windows. For
> example, I have a machine here at home that handles my e-mail, web services,
> routing for two other computers, and is interfaced with APRS (which you can
> see at http://mulvey.dyndns.com/aprs), and has been up 24 hours a day,
> seven days a week, for 63 weeks straight. Try that with any Microsoft OS.
> :-) Over the past couple of years, several free versions of Unix have become
> available (Linux, FreeBSD, etc.) You can get all sorts of info about Linux
> from www.redhat.com
>
> - Rich
>
> --
> Rich Mulvey
> http://mulvey.dyndns.com
> Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

--

James (Jim) Parsons, K5ROV   USAF, Ret. Ham for 58 yrs.
k5rov@wcc.net ICQ-17012707 QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 16 Jan 1999 12:56:05 -0700
From: "James R. Duffey" <ji3m@maxwell.com>
To: qrp-l@Lehigh.EDU
Subject: [29936] More on Baluns and ZPortable Feedlines
Message-ID: <v0300780eb2c69c769144@[199.120.49.101]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ron's comments on his coiled coax balun shorting out in the middle of the
NA contest and Joe's comments on the balun and feedline have prompted these
comments.

Care should be taken in building air core coiled coax baluns not to exceed
the minimum bend radius of the coax. The coil formed should not be less
than 15 times the coax outside diameter, or 7.5 inches for RG-8 type or 4
inches for RG58 type.

A coiled coax balun should probably not be made from coax with foam
dielectric as the foam can allow the middle conductor to move and short to
the outside shield. The coax is particularly likely to do this if the coax
has been bent sharply and then brought back to straight. I think this may

have been Ron's problem (other than the QRP gods extracting vengence for operating at 100 W :^)).

An alternate consideration for a light weight low loss feed line for single band antennas us 300 Ohm ladder line. Feed the dipole with a half wavelength of this (remember the velocity factor) and then with a few ft or so of RG174 or RG58 with ferrite beads slipped over the end to assist in the unbalanced to balanced transition. A half wavelength of feedline will reflect the impedance seen at one end (the dipole at 50 Ohms more or less) to the feedline impedance (also 50 Ohms) regardless of the impedance of the feedline. The short length of leightweight coax can be connected to the rig. This will have low loss on all HF bands, be light weight and easy to carry. The length required for the balanced section may be high on 40 M, 50 ft or so, but is manageable on 30 M and higher.

I hope that this helps. - Duffey

James R. Duffey <ji3m@maxwell.com> (505) 764-3143
Maxwell Technologies Inc. http://www.maxwell.com/
2501 Yale Blvd SE Suite 300
Albuquerque, NM 87106-4200

Date: Sat, 16 Jan 1999 13:08:10 -0700
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [29937] Re: Soource for Morse Code Key Knobs ?
Message-ID: <1.5.4.16.19990116140123.14bfcf72@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gordon and the gang,

I have built a few straight keys and found the best source to be the local hardware store. Knobs for drawers and kitchen cupboards come in all sizes shapes and materials. Go have a look.....

Got my HW-7 tuned and ready for the HW contest, see you all in there.

72 de Niels
VE6NJK/TF3NJ
Calgary, Alberta

>Looking for a source for Key Knobs... different types, shapes, etc.

>Anyone have a bunch in the Junque' Box?
>Thanks in advance.
>
>72, 73 de Gordon kf4eib
>
>

Date: Sat, 16 Jan 1999 11:14:47 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [29938] AL7FS Beacon (temp.) 28.245
Message-ID: <36A0F337.C4D421A8@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just for fun I am running my rig in beacon mode on 28.245 today at 500
mw. I turned it on about 2005z and will leave it on until later this
afternoon, maybe as late as 0300z.

The list of beacons I have from the Internet says there is no beacon on
that frequency. I took a chance.

Have fun. I'll be in the garage most of the day doing projects. I will
check email from time to time.

Jim, AL7FS

--
73, Jim Larsen, AL7FS -- Anchorage, Alaska
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net   ICQ 11022915 http://www.mirabilis.com/

Date: Sat, 16 Jan 1999 15:22:57 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <k3chp@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29939] Re: VIRUS ALERT!
Message-ID: <010601be418e$02683da0$11338cd1@default>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

 Joe, probably just a prank. I get about 4 or 5 like that a month.
Viruses are not as prevalent as those who sell virus protection would have
you believe. I have downloaded any and everything I ever wanted off the
net, web, all the way back to the old bulletin board days, never got a virus
yet. I may get one tomorrow, but after thousands and thousands of
downloads, it hasn't happened yet. CU Mitch
-----Original Message-----
From: Joseph Mikuckis <k3chp@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, January 16, 1999 9:30 AM
Subject: VIRUS ALERT!

>I just received a message from a very reliable source regarding a very
>destructive virus. DO NOT OPEN mail titled "Join the Crew for Penpals."
>It will erase your hard drive and forward itself and infect the drive
>of whose e-mail address is present in your box!
>
>Joe, K3CHP, Riverdale, MD
>
>

Date: Sat, 16 Jan 1999 15:30:43 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29940] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
Message-ID: <011b01be418f$181f8440$11338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joel, I agree and you make some very good points. My fear is to get in the
middle of that good DX CW QSO and hear at about 50db above the faint CW,
"IS THE FREQUENCY IN USE?" "BREAKER, BREAKER 19" CU Mitch
>

Date: Sat, 16 Jan 1999 15:36:30 -0500
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: gqrplist <gqrp-l@blacksheep.org>, QRP List <qrp-l@Lehigh.EDU>
Subject: [29941] SPRAT
Message-ID: <36A0F84D.6C79541F@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The mailman has not yet delivered my winter 99 issue of Sprat (I think
it would be SPRAT 97). Is the US Post Office slow (or maybe they lost
it)? Am I one of a few still waiting??

Looking forward to reading one of the best QRP magazines.

72/3,
Ken
W4DU.

Date: Sat, 16 Jan 1999 15:34:58 -0500
From: wn6hyx@qsl.net ()
To: qrp-l@Lehigh.EDU
Subject: [29942] General
Message-ID: <199901162034.PAA21596@ns1.qsl.net>

Anybody need a QRP QSO with a 20 wpm General YL?
Yes, Passed the 20 wpm code test and the Tech and
General exams. That general fox needs to watch
out now! Thank you everyone for your help and
encouragement. Special thanks to Ed, WE6W, for
explaining the technical questions I couldn't
understand, Doc K0EVZ for getting me to be an
N/T+ fox and for his continual encouragement and
to Larry W4DEC for his hours of code practice.

Best 72/88
Mary WN6HYX/AG Sacramento, CA
QRP-L #1779   QRP-C #51

Date: Sat, 16 Jan 1999 12:52:39 PST
From: "Greg Breeden" <al0a@hotmail.com>

To: qrp-l@lehigh.edu
Subject: [29943] Re: AL7FS Beacon (temp.) 28.245
Message-ID: <19990116205239.11043.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

Group:

Jim's beacon is building down here in Southern Indiana.

RST 339 w/QSB around 2052 utc

Greg Breeden, AL0A
P.O. Box 125
West Baden, IN 47469

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Sat, 16 Jan 1999 14:16:26 -0800
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [29944] QQ Missing In Action
Message-ID: <19990116141626.B2147@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Can someone please tell me if I'm financially up to date still for receiving
QRP Quarterly? I haven't received any in a while, and want to make sure that
my membership is still good.

Thanks.

Private e-mail me if you need my phone number; look on QRZ.COM for my
address. :-)

==
      KC5TJA/6 | -| TEAM DOLPHIN |-
        DM13 | Samuel A. Falvo II
    QRP-L #1447 | http://www.dolphin.openprojects.net:9673/
   Oceanside, CA |...

Date: Sat, 16 Jan 1999 15:22:45 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29945] Re: NPRM Comments (Long)
Message-ID: <36A10325.F3DFD3E6@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ron Stark wrote:

> Quoting messages for no reason, not putting your call sign
> somewhere on your post and not having your state listed
> are my three big gripes!!
>
> I really don't care about "topic" or "off topic". But don't
> quote, don't hide who you are and where you are from!

I agree with you on quoting enough to make sense but nothing more and on including a callsign. However, I dont see why its anyone's business where someone is located UNLESS they are reporting propagation or DX. If someone has to know, they can look it up in the callbook.

BTW, I am in Missouri.
73 de Dave, N0IT

Date: Sat, 16 Jan 1999 12:23:54 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [29946] AL7FS Beacon (temp.) 28.245 - 2000-2100Z Report
Message-ID: <36A1036A.6FC298B6@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Beacon Reports:
2000-2100z 1/16/99

AL0A, Greg, IN
N EA, Wayne, MO
KF7ET, Cal, ID

--
73, Jim Larsen, AL7FS -- Anchorage, Alaska
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net   ICQ 11022915 http://www.mirabilis.com/

Date: Sat, 16 Jan 1999 16:17:13 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: cw@qth.net
Cc: qrp-l@lehigh.edu
Subject: [29947] I past
Message-ID: <3.0.5.32.19990116161713.007e5a00@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

     I past the 13 wpm code exam today. I wanted to take this opportunity to thank everyone who has offered words of encouragement.
I can't tell you how much I appreciate all the suport folks have given me while I worked on this venture.
So, now I am a General. I will say that I have plenty of work to do. I am not a solid 100% at 13wpm yet, but that's why you get on the air and practice. So, please look for me as n3byy/ag until the FCC database is updated.
In any case I again have plenty of work to do so if you hear me, please bare/bear with me while I work on improving my copying skills.

tnx es 72/73 de Scott/n3byy
Fists #5030
Laurel MD

Date: Sat, 16 Jan 1999 12:29:41 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [29948] Excuse blunder
Message-ID: <36A104C5.20468564@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was supposed to forward the te ne key stuff to myself so I could file it with a subject that made sense and could be found. Well...now you can file it with a useful subject header, too! :-) Always a plus to

this things (blunders) if you look hard enough.
--
73, Jim Larsen, AL7FS -- Anchorage, Alaska
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net   ICQ 11022915 http://www.mirabilis.com/

Date: Sat, 16 Jan 1999 16:34:49 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [29949] Re: Elmer 2XX, Linux Info
Message-ID: <002001be4198$2e766ca0$533567d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gary and Group,

There are several so called "Linux distributions" such as Slackware, SuSE,
Debian, Red Hat, Caldera, SLS, TAMU, JE etc. Slackware was the preferred
distribution until a couple of years ago. Red Hat and Caldera seem to be the
preferred distribution these days.

Red Hat is known for its easy of installation and most importantly for RPM
(Red Hat Package Manager), the program that allow components to be easily
upgradable. The current version is 5.2.

Caldera is geared towards the business market and the current version is
1.3.

Red Hat has recently gained the support of Intel, Sun and Netscape.

73 de Vince, VE3VFN.

P.S. No connections with any of the distributions or companies mentioned
above.

>73, Gary N2JGU
>ps. For those that do not know what Linux is, basically it is a version
>of UNIX for the PC. I have an old 486 at home, and that's what my goal
>is for it.

Date: Sat, 16 Jan 1999 17:06:55 -0500
From: "Stephen Krosner" <skrosner@mindspring.com>
To: "QRPList" <qrp-l@Lehigh.EDU>
Subject: [29950] Test Please ignore
Message-ID: <000101be419c$878fbb80$03000004@tall>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is a test. Please ignore. Thanks.

Stephen Krosner, Ph.D.
Associate Professor
Director BSBA
School of Professional Programs
Shorter College
770-951-8382

Date: Sat, 16 Jan 1999 13:16:21 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [29951] AL7FS Beacon (temp.) 28.245 - 2100-2200Z Repor
Message-ID: <36A10FB5.C727777C@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Beacon Reports:
2000-2100z 1/16/99
AL0A, Greg, IN
N0EA, Wayne, MO
KF7ET, Cal, ID

2100-2200z
VE5VA, Pete, SK

2200-2300z

--

73, Jim Larsen, AL7FS -- Anchorage, Alaska
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net   ICQ 11022915 http://www.mirabilis.com/

Date: Sat, 16 Jan 1999 15:26:22 MST
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [29952] Second Call: 10Kohm 10-Turn Potentiometer Group Buy #2
Message-ID: <19990116222623.22409.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

Hi Everyone,

Second call for the second 10-turn 10Kohm potentiometer group buy!
There's still plenty of time to join in.

The pricing is the same as last time, $7 per pot, with the exception
that priority mail shipping is now $3.20. I'll still take $2 for
individual pots and $4 US covers global priority postage to Canada.

Once again, this is BI Technologies part #7286 10K L.25, a
smooth-tuning, wirewound, 10-turn 10Kohm potentiometer. It makes a nice
upgrade to your regular linear single-turn 10Kohm tuning pot in rigs
like the OHR, NC40, TenTec, etc., and of course, the soon-to-be-here
NC20. The first group buy was put together for the NC20 and Dave AD6A
reminded me that "this pot was the one we laid the PCB of the Norcal 20
out for. It will fit straight in with a very small amount of lead
trimming (with normal sidecutters)."

Here's the updated order form. If you haven't done so already, drop me
an email letting me know how many you want so I can keep track of how
many I should order. I'll be e-mailing out confirmations of payment as
I did last time.

Instructions:

1) Include a self-addressed mailing label please!

2) Calculate the amount you should send me. If you can, include
   the order form below or some other reasonable facsimile (either
   print this or write it on paper or a QSL card, anything is fine).

        ---------- 8< cut here 8< ----------

Name and Callsign: _____

Quantity: _____ x $7.00 = $_____

\+

Shipping: $ 3 . 2 0
(Single pots can send $2.00,
Canada, please include $4.00)

=

Total: $_____

---------- 8< cut here 8< ----------

3) Please send a check or money order in US Funds payable to
Jerry McCollom. I cannot accepts checks made out to Norcal.

4) Put the mailing label, order form, and payment in an envelope
and mail it to:

Jerry McCollom, W0MC
1442 Silk Oak Drive
Fort Collins, CO 80525

Deadline for payment this go round is January 30, 1999.

72,
Jerry
W0MC

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Sat, 16 Jan 1999 15:32:48 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [29953] The Postmodernist ATU & the poems page &c
Message-ID: <19990116.153253.19014.0.nilsbull@juno.com>

Gang,

I picked up some ceramic switch stuff from Roger's today for the big
hootie powa version of the postmodernist ATU, which will be this evenings
project, right after I get back from supper.

And the poems? Well, they're loaded now. I was wrong about their
whereabouts.
They're at
<http://www.fortunecity.com/victorian/mehetebell/94/poems.html>

And we just trashed the 2 year old VCR 'cause it lost a little plastic
peg off some damn gear that made it eat tapes. So I have a couple pounds
of SMD & some very tiny little caps &c. And how about this new Shakira CD
I've got on now? Hmmm, hmmm, hmmmm....

73
Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
                                -- Comrade Sergei Nikolaievich
McTovarishov

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 16 Jan 1999 17:53:59 -0500 (EST)
From: <hsilver@pyx.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29954] Re: CW... THE DEATH AND LIFE THEREOF OR THERE ABOUTS... AND QRP
Message-ID: <Pine.LNX.4.04.9901161741220.7549-100000@matrix.pyx.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Jan 1999, Mitch Dickson wrote:

> Joel, I agree and you make some very good points. My fear is to get in the
> middle of that good DX CW QSO and hear at about 50db above the faint CW,
> "IS THE FREQUENCY IN USE?" "BREAKER, BREAKER 19" CU Mitch

Perhaps this can be approached from a different perspective as an
opportunity. Admittedly, I don't have many answers, but I do have
a few thoughts.

One of the wonderful things about QRP that I have observed is that low power and portability seem to be cornerstones of QRP. As a beginner I like these elements. There are indeed other elements that I surely am missing however those other elements are not what I am referring to here.

CW is loved by many. There are other modes that are enjoyed by many as well. A suggestion I would make is that perhaps some might consider endevoring to develope QRP rigs that are both low power and portable that include these other modes as well in an automated/manual fashion. For example;

Using PIC and QRP techniques, I suspect that a portable low power transmitter/receiver that allows for automatically interpretting CW and other modes such as packet is possible. Such a device would have a small keyboard, perhaps an LCD display along with a small CW key as well.

Again, I am not sufficiently knowledgable enough to design such a device myself. However, I suspect there would indeed be a great deal of interest in such a device where all its components were publically available and were the community at large could add to such a device.

Do others have similar thoughts about this ?

Harley Silver
VA3PYX

Date: Sat, 16 Jan 1999 14:58:10 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [29955] Buzzing noise about 7.039
Message-ID: <01be41a3$b0189bb0$0100007f@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've seen a number of messages complaining about the noise just below 7.040. I have a suspicion what it may be.

Here in the San Francisco Bay area, most of our cable systems are owned by TCI. They appear to be installing rf modems in homes signed up for HBO to get the billing info into the phone without having to run phone lines to the TV location in the house. Presumably there is a second box by the phone to

pick up and pass on the billing info as needed.

Now, get this. These rf modems operate on 3.525 MHz, more or less. They were described to me as a rather sloppy crystal oscillator, and can be heard here from 3.500 up to around 3.55 or so. Listen at your location and see what you hear.

These modems are supposed to be made by a company called Phenix, not sure of exact spelling, somewhere in UT. I have heard one of the principals in the company is a ham, so hopefully if enough complaints come in, they will move the frequency.

The impact of these devices is scary. Even if each one complies with Part 15 radiation limits, if you are surrounded by a number of them, you ain't got a chance.

So, to my original point, I think the noise we are hearing may be the second harmonic of the hash on 80m. Only problem I have with this notion is that our noise peak is around 7.039, while on 80m it peaks around 3.525 which doubles to 7.05.

Anyone else got any further insights here?

73, Bob N6WG

Date: 16 Jan 99 18:03:01 EST
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [29956] Re: [More on Baluns and ZPortable Feedlines]
Message-ID: <19990116230301.15883.qmail@www0x.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,
  I've used James's technique described below for several years. I make the antenna for one prime band and use it on all the others too. The additional loss from SWR on the coax amounts to very little. I however use 440 ohm ladder line as 300 ohm line is generally too flimsy in the wire guage dept. 73 Roy Lincoln WA4DOU----------
---

An alternate consideration for a light weight low loss feed line for single band antennas us 300 Ohm ladder line. Feed the dipole with a half

wavelength of this (remember the velocity factor) and then with a few ft or so of RG174 or RG58 with ferrite beads slipped over the end to assist in the unbalanced to balanced transition. A half wavelength of feedline will reflect the impedance seen at one end (the dipole at 50 Ohms more or less) to the feedline impedance (also 50 Ohms) regardless of the impedance of the feedline. The short length of leightweight coax can be connected to the rig. This will have low loss on all HF bands, be light weight and easy to carry. The length required for the balanced section may be high on 40 M, 50 ft or so, but is manageable on 30 M and higher.

I hope that this helps. - Duffey

_____
Get free e-mail and a permanent address at http://www.netaddress.com/?N=1

Date: Sat, 16 Jan 1999 14:20:34 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [29957] AL7FS Beacon (temp.) 28.245 - 2200-2300Z Report
Message-ID: <36A11EC2.DFB52216@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

That may be all there is for today. I still have the beacon on for now.

Jim

Beacon Reports:
2000-2100z 1/16/99
AL0A, Greg, IN
N0EA, Wayne, MO
KF7ET, Cal, ID

2100-2200z
VE5VA, Pete, SK

2200-2300z
??4??, Steve, GA

--
73, Jim Larsen, AL7FS -- Anchorage, Alaska

QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net   ICQ 11022915 http://www.mirabilis.com/

Date: Sat, 16 Jan 1999 15:58:18 -0800
From: "Dan Hogan" <dhhogan@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [29958] Re: Elmer 2XX, Linux Info
Message-ID: <199901162355.SAA15887@cliff.concentric.net>

Yes it's an operating system, BUT nothing like windowa although it
does have a GUI.

I am runninh Redhat 5.2 on another machine.

> Please excuse my ignorance, but just what is Linux and Unix? Is it an
> operating system like Windows?
>
> Thanks and 73,
>
> Jim, K5ROV
>

Dan Hogan WA6PBY
dhhogan@concentric.net
West Covina, CA

End of QRP-L Digest 1338
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